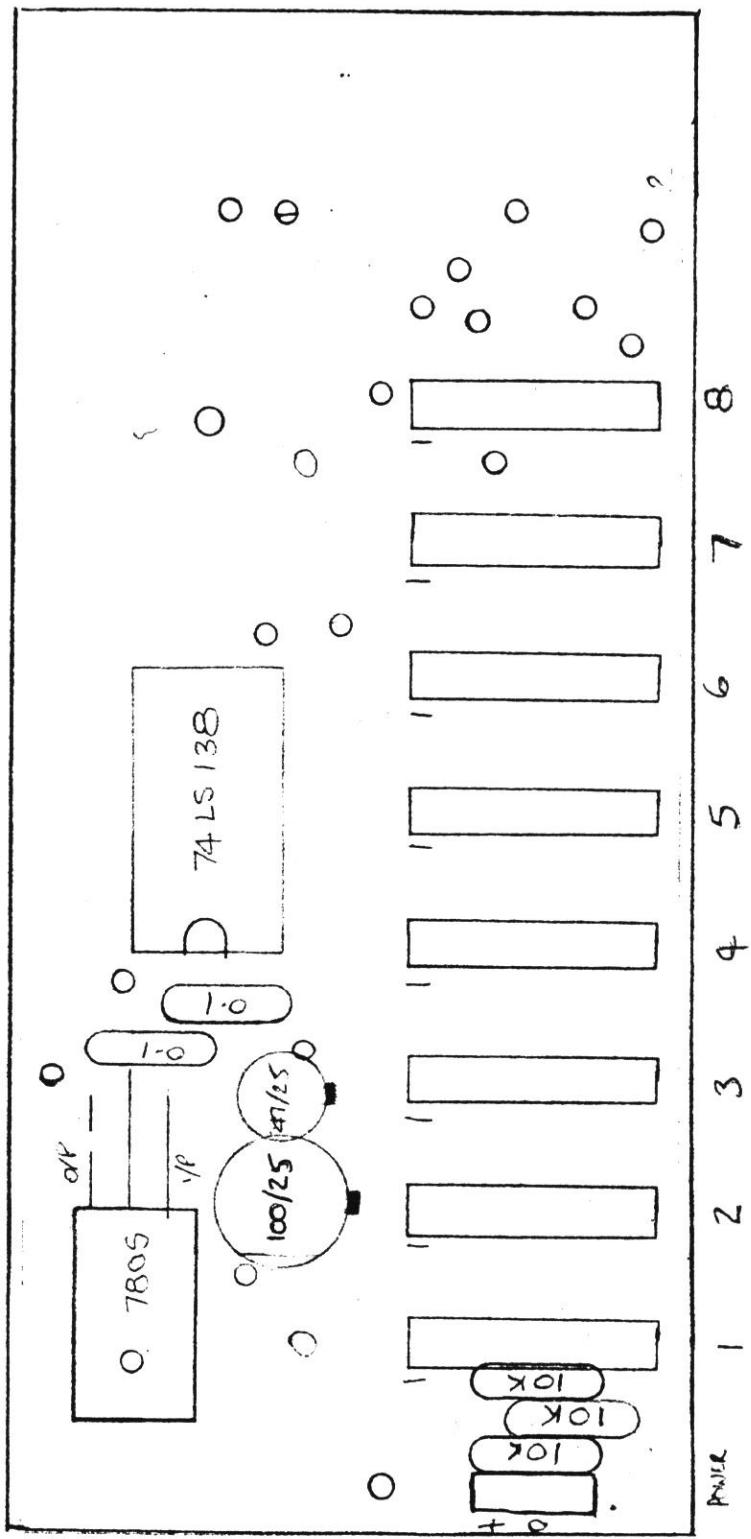
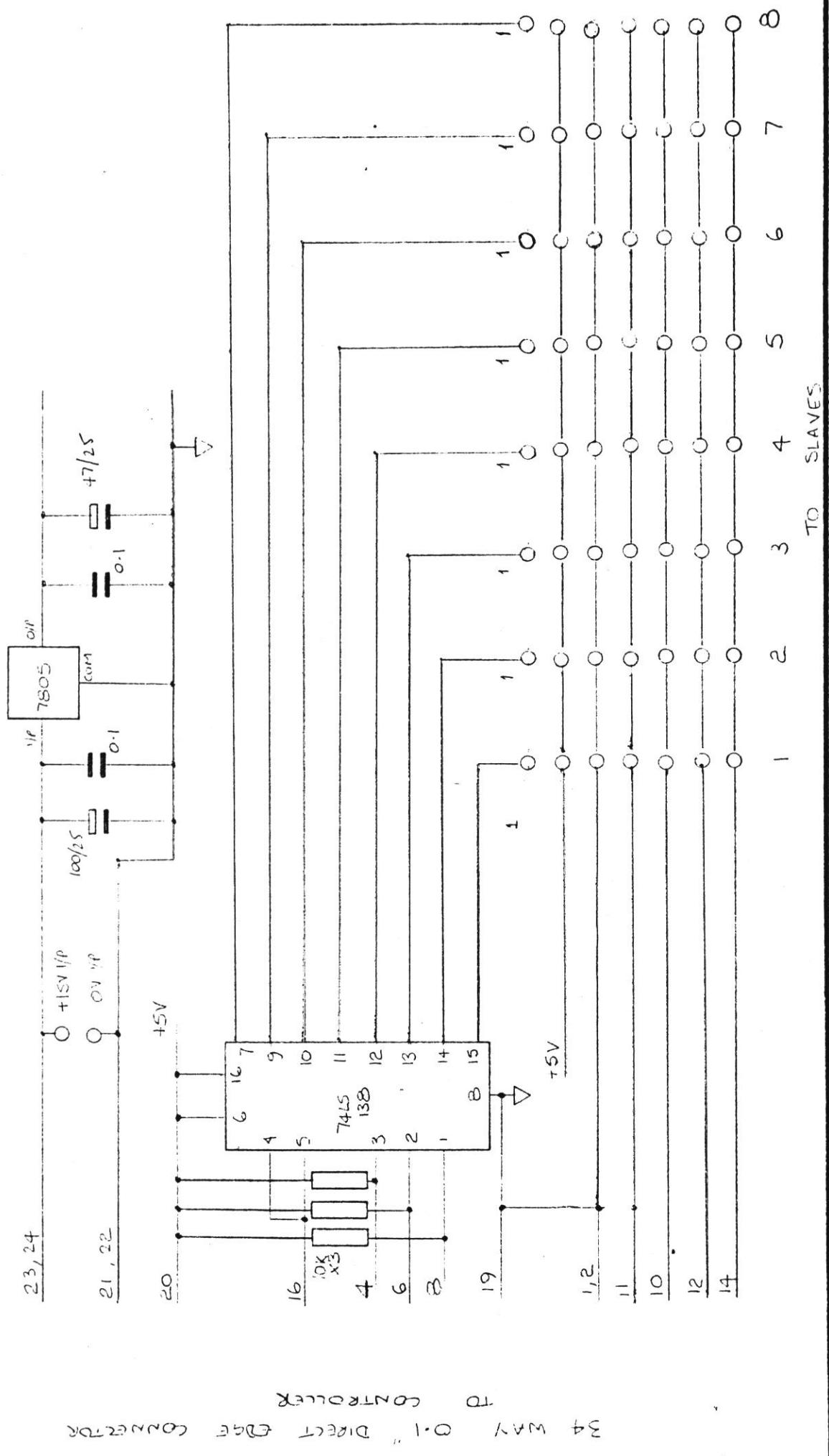


AHB AUTO MUTE MASTER AGOGES





34 MAY 01 DIRECT PAGE CENTERED TO CONTEST

JHB

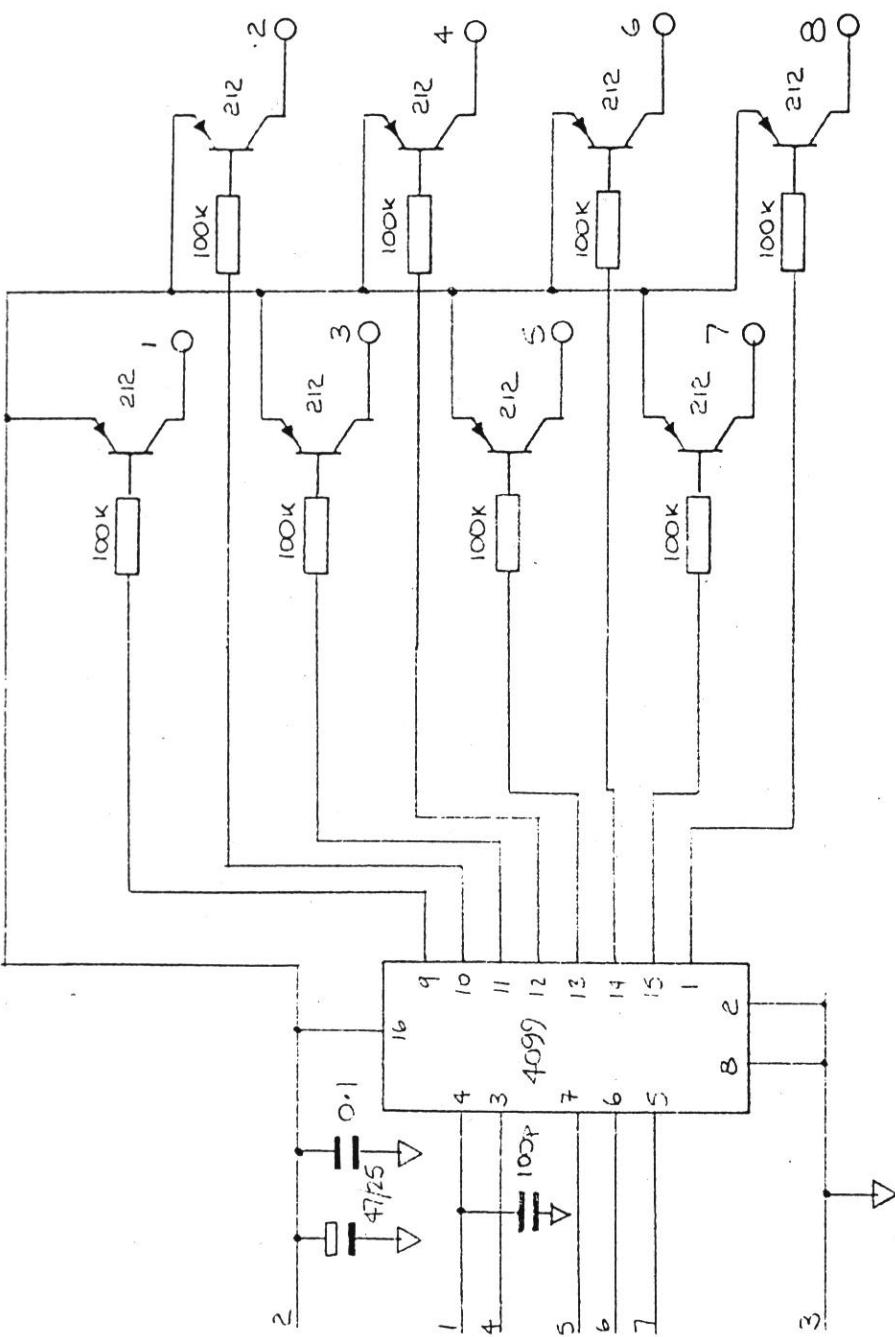
WILLEN & HEATH PUBLISHING CO. TITLE

SOCIETY FOR SYSTEMATIC ZOOLOGY

卷之三

DRG. No.

RG. No. A 133



TO AUTO MUTE MASTER

**AHB**  
ALLEN & HEATH PREMIUM LTD.  
PROFESSIONAL AUDIO EQUIPMENT  
MANUFACTURERS

FACTORY: KERNOCK INDUSTRIAL EST., PERTH, CORNWALL, TR20 7JZ  
TELE: 0373 21936

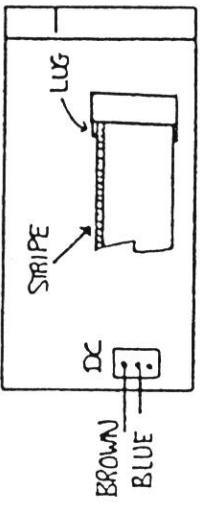
DRG. NO. A 134

TITLE SIGMA AUTO MUTE SLAVE

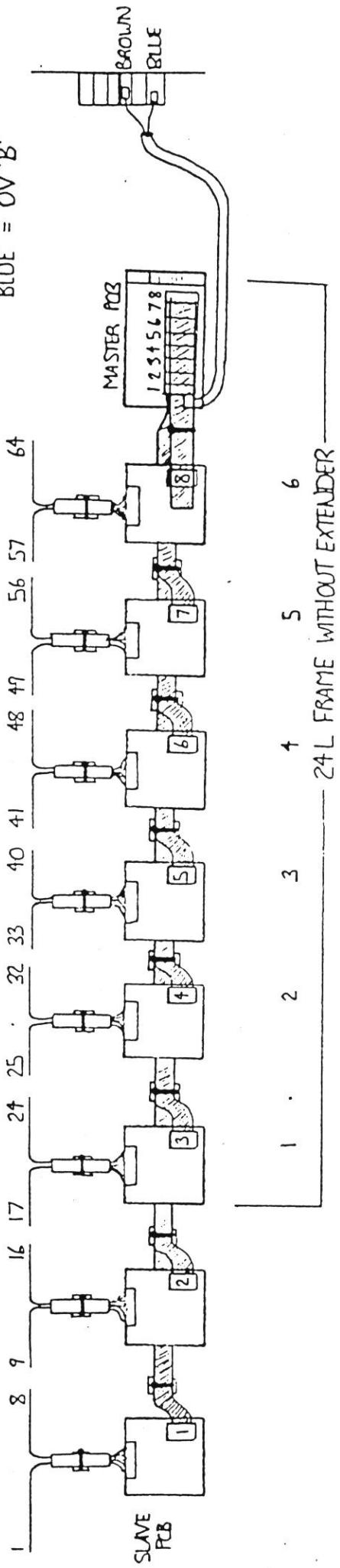
DRAWING NO. A 134 Issue 1

COLOUR SEQUENCE : BROWN RED ORANGE YELLOW GREEN BLUE VIOLET GREY

CHANNEL NUMBER	1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16	
17	18	19	20	21	22	23	24	
25	26	27	28	29	30	31	32	
33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	
49	50	51	52	53	54	55	56	
57	58	59	60	61	62	63	64	



MUTE WIRE PLUGS INTO FADER HARNESS - MATES WITH PIN 7 (WHITE WIRE)



BROWN = +15V DC 'B'  
BLUE = OV 'B'

**AHB**  
ALLEN & HEATH BRITANNIA LTD  
PROFESSIONAL AUDIO EQUIPMENT  
MANUFACTURERS  
DESIGN DEPT. 9A, 9B, 9C STREET, BRISTOL BS1 4AE  
FACTORY: KETTERING INDUSTRIAL EST., KETTERING, NORTHAMPTONSHIRE NN14 2QD  
DRAWING NO. CD 51186/1 | ISSUE 1

TITLE SIGMA AUTO-MUTE — ASSEMBLY INTO MIXER

DRG. NO. CD 5-11-86/1

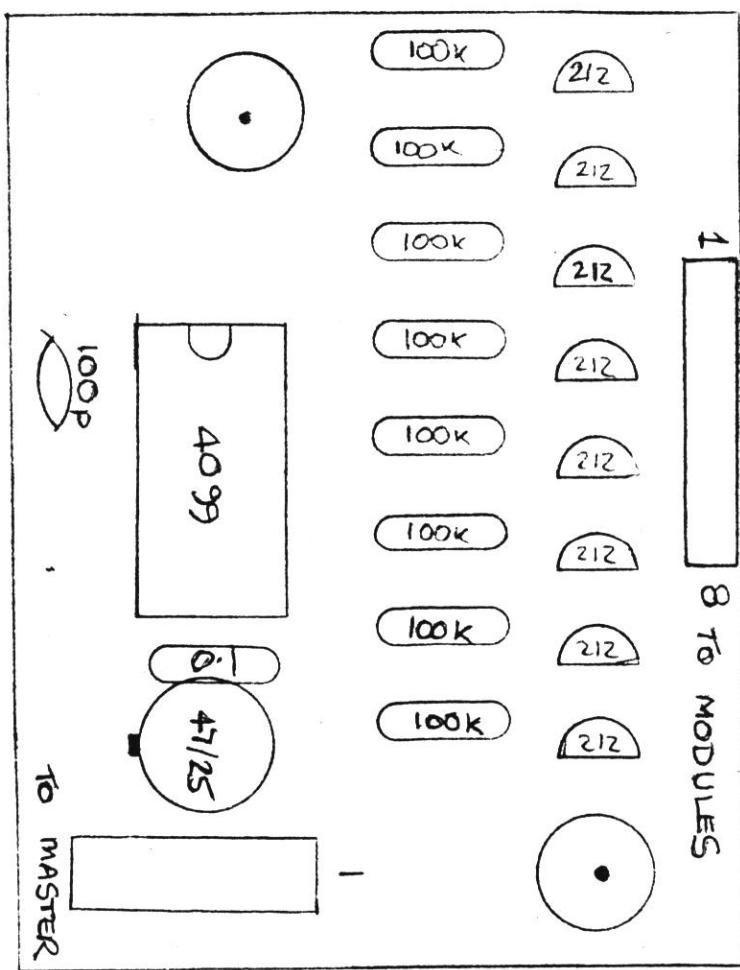
A NB

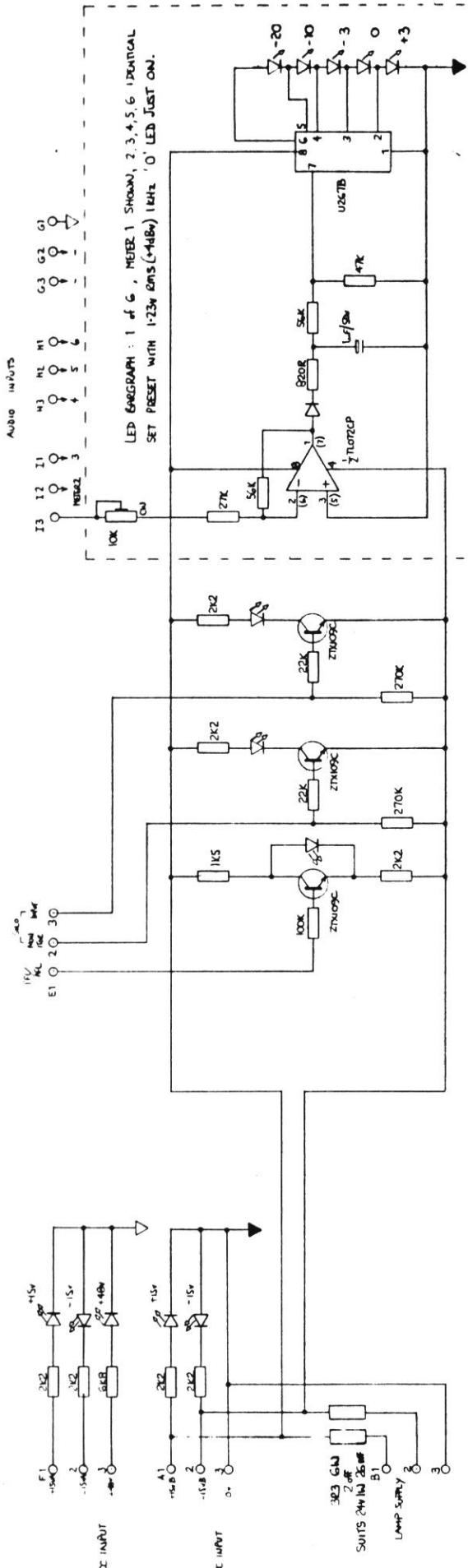
AUTO MUTE

SLAVE

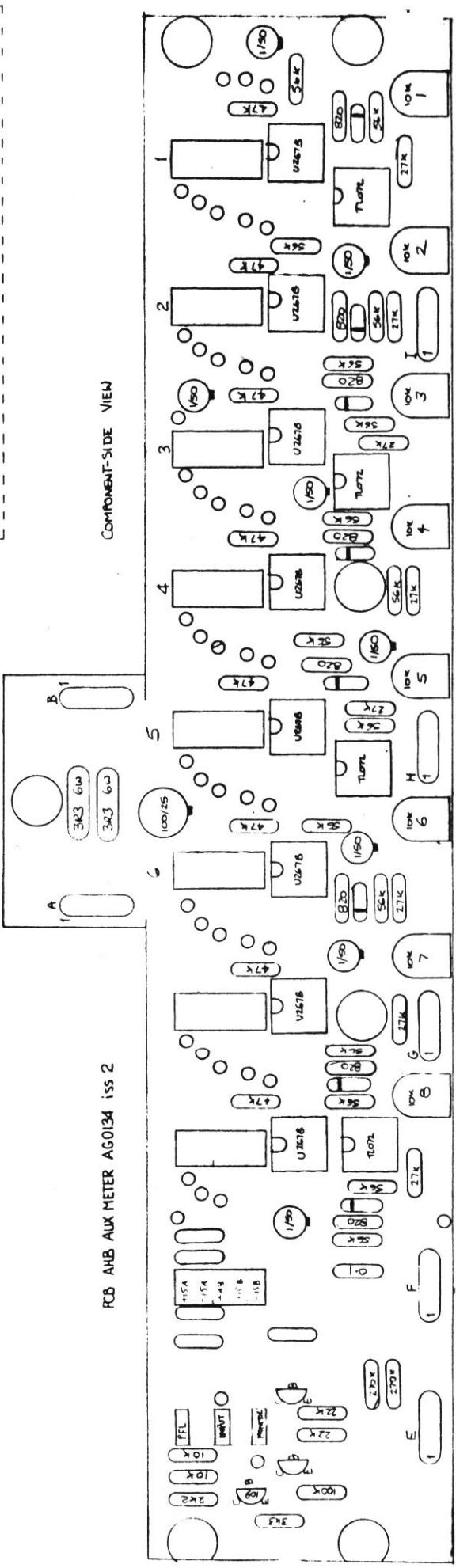
AG 0167

1 8 TO MODULES

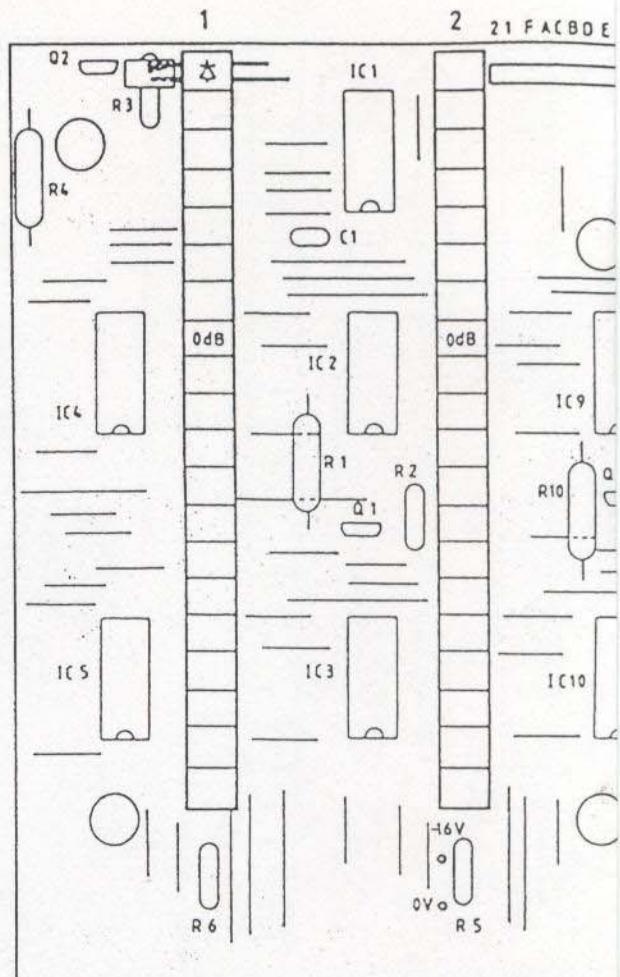
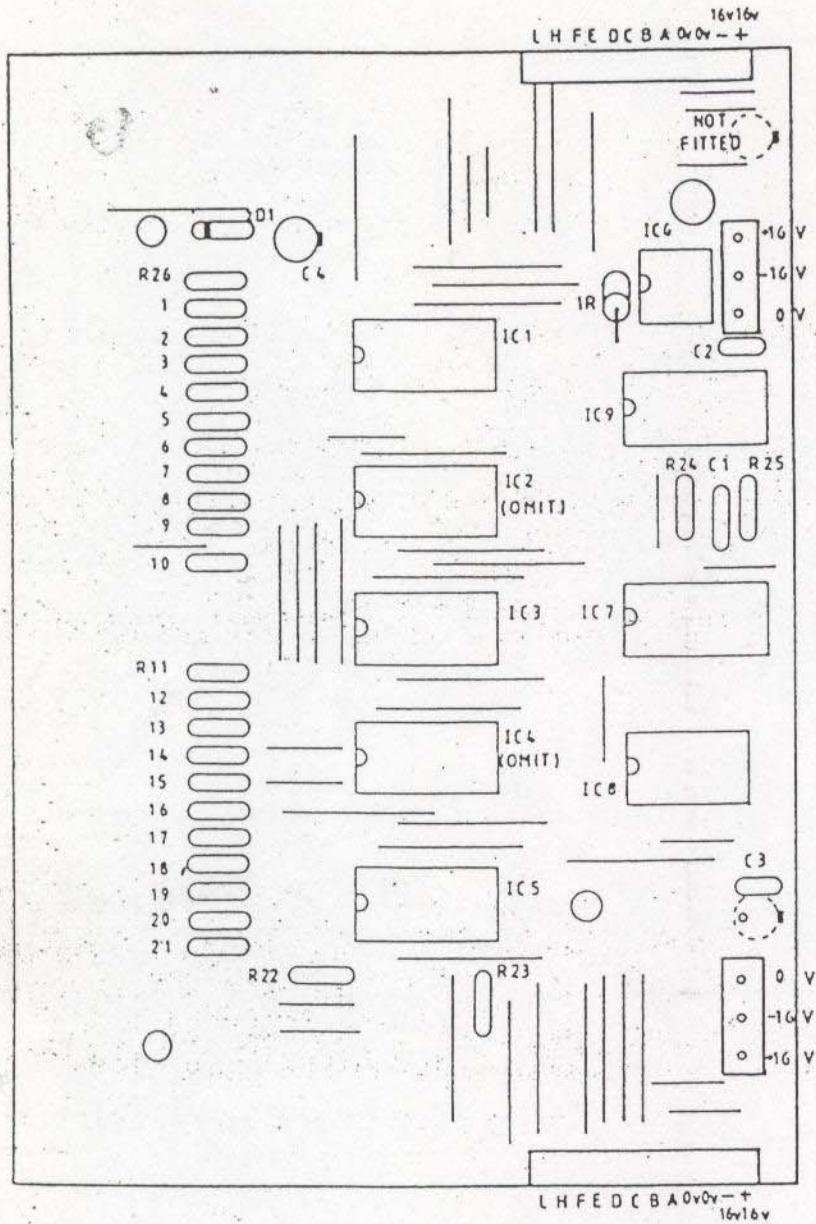




PCB AHB AUX METER AG0134 iss 2



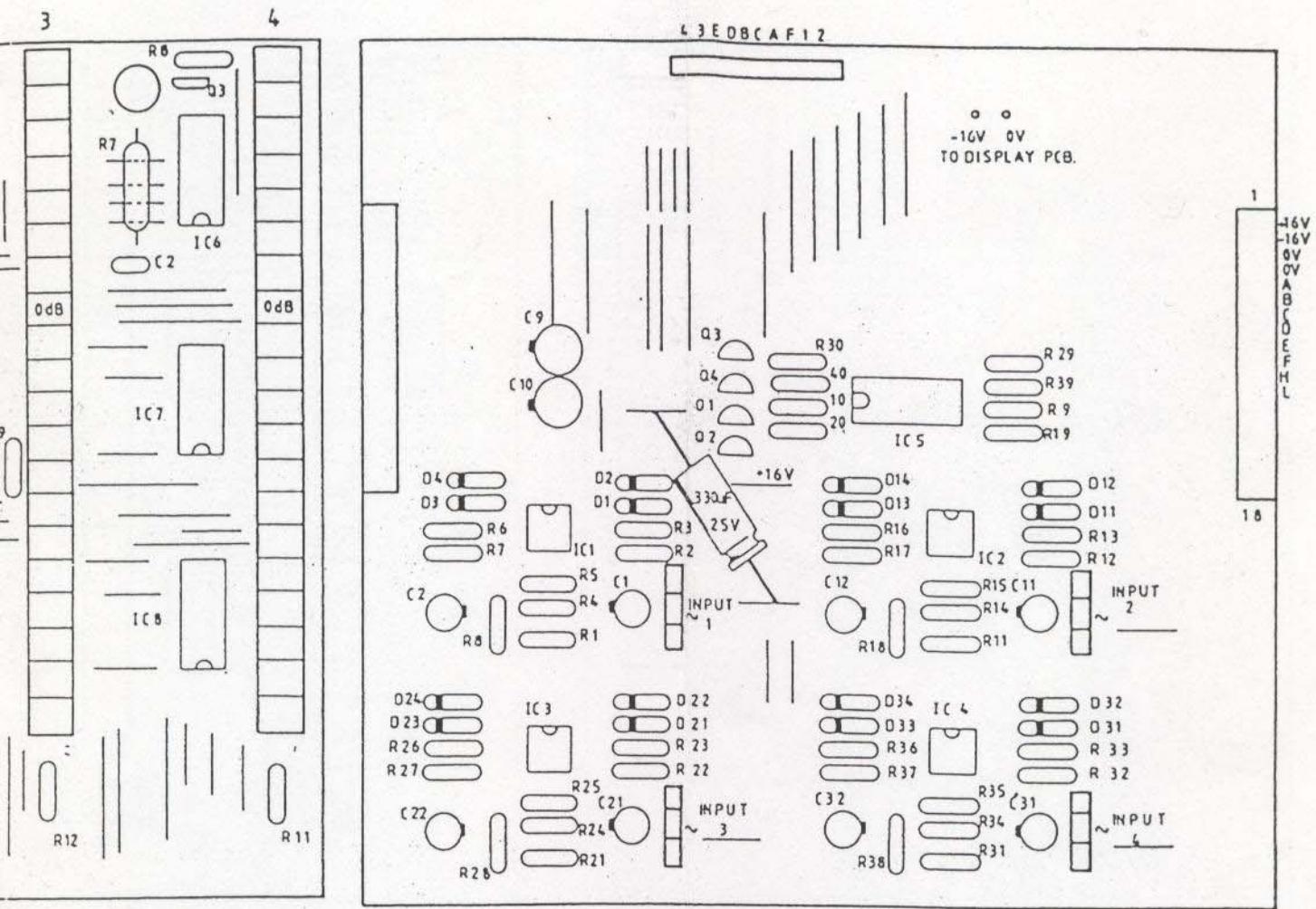
STANDARD NOTES		MATERIAL	TOLERANCES	FINISH	NOTES	UNIT TITLE	AHB SIGMA SERIES	QUANTITY	AUX METER PCB	AG 013-4 ISS2	REV
ALL DIMENSIONS IN mm	EXCEPT WHERE OTHERWISE STATED	STEEL	GENERAL HOLE CENTRES HOLE SIZES	H0.25 mm H0.15 mm H0.10 mm	UNLESS STATED OTHERWISE	AHB	AHB	1	MD 180	1	
TO NOTCHES & COUNTERBORE	FRAC TUE ALL BURPS & SHARP EDGES	SCALE	SPOT FINE 100% mm	2000 mm							



MASTER PCB. AG0192 ISS.3

ALLEN & HEATH  
BARGRAPH METERS

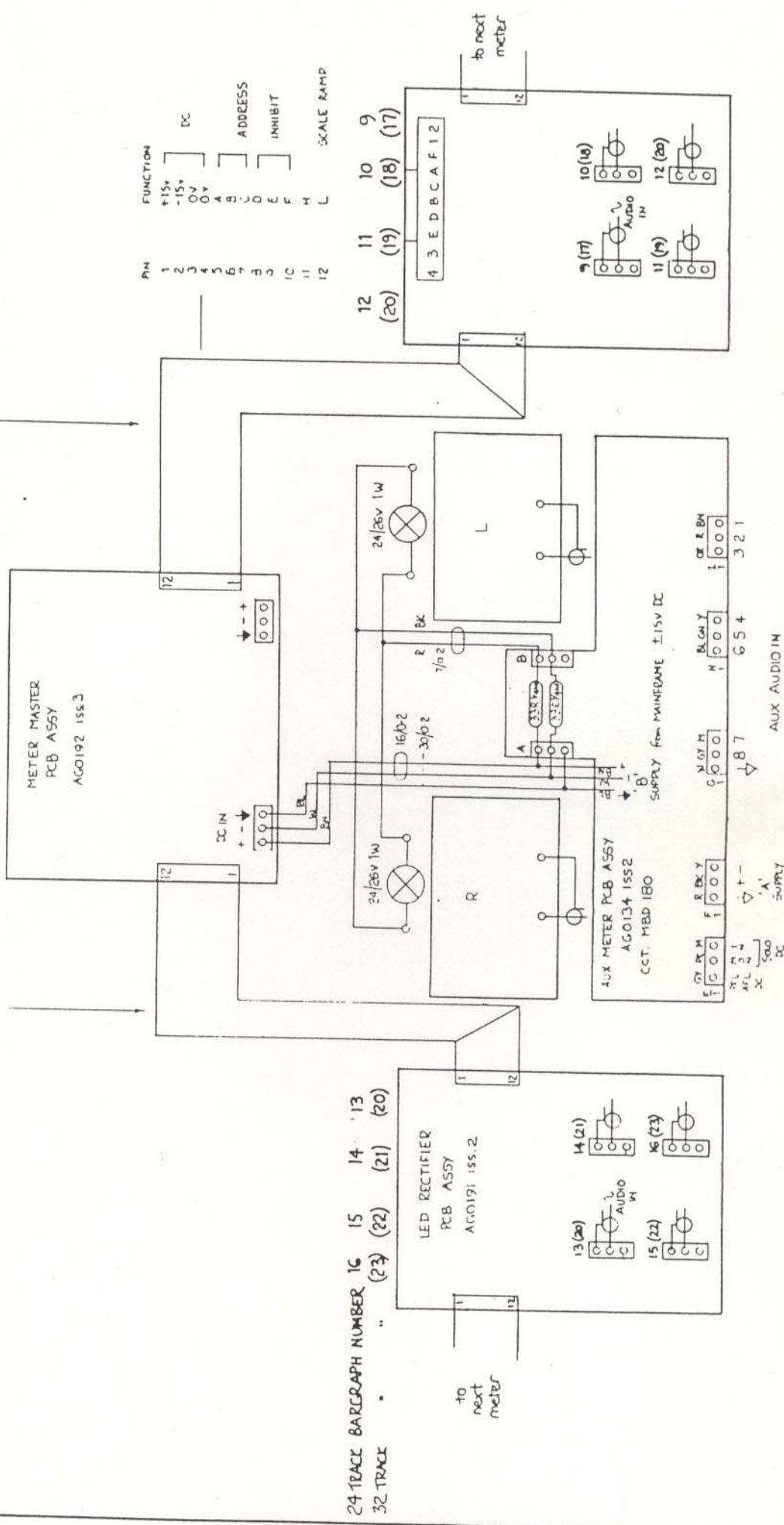
DRAWING NO. BW 223 ISS. 1

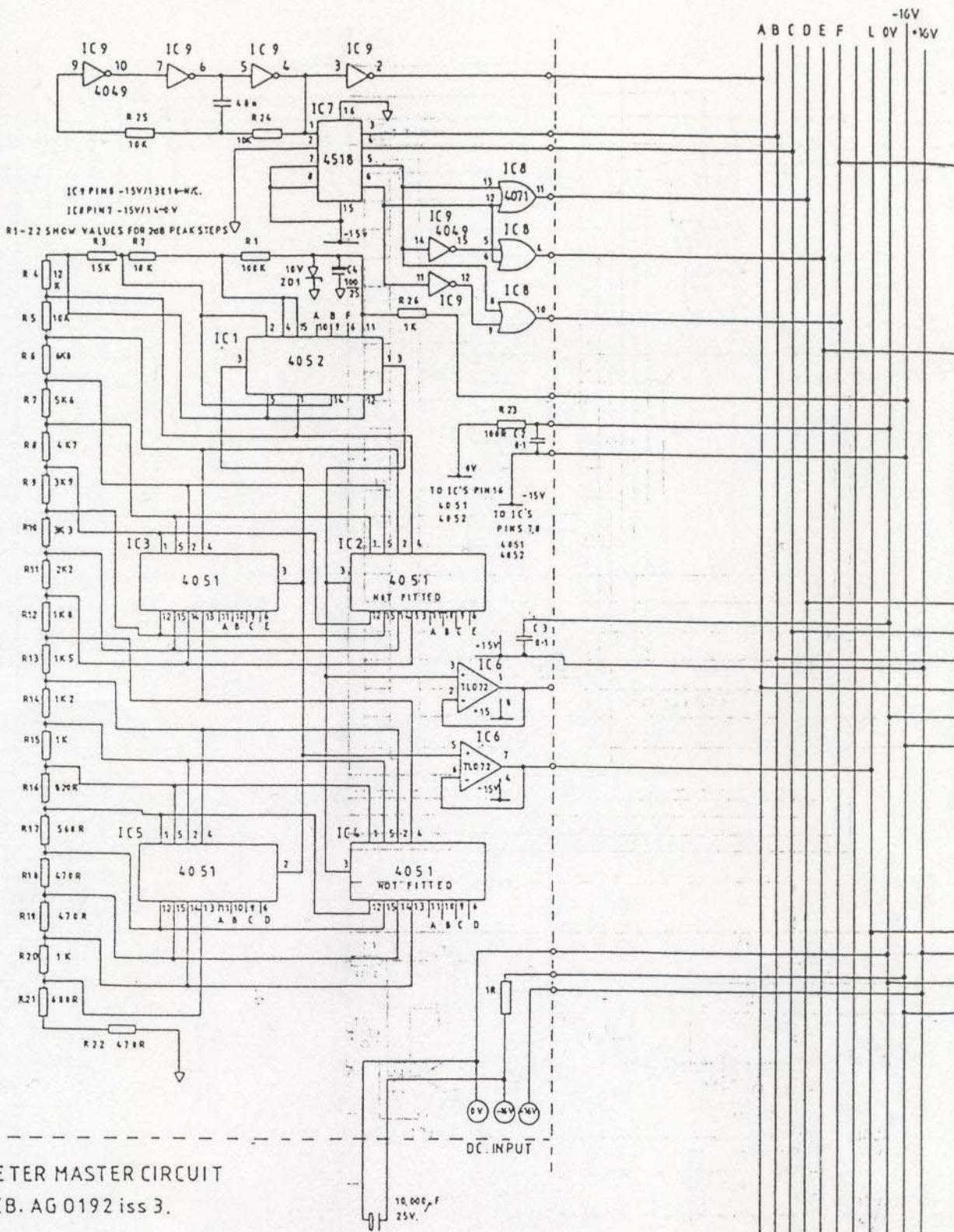


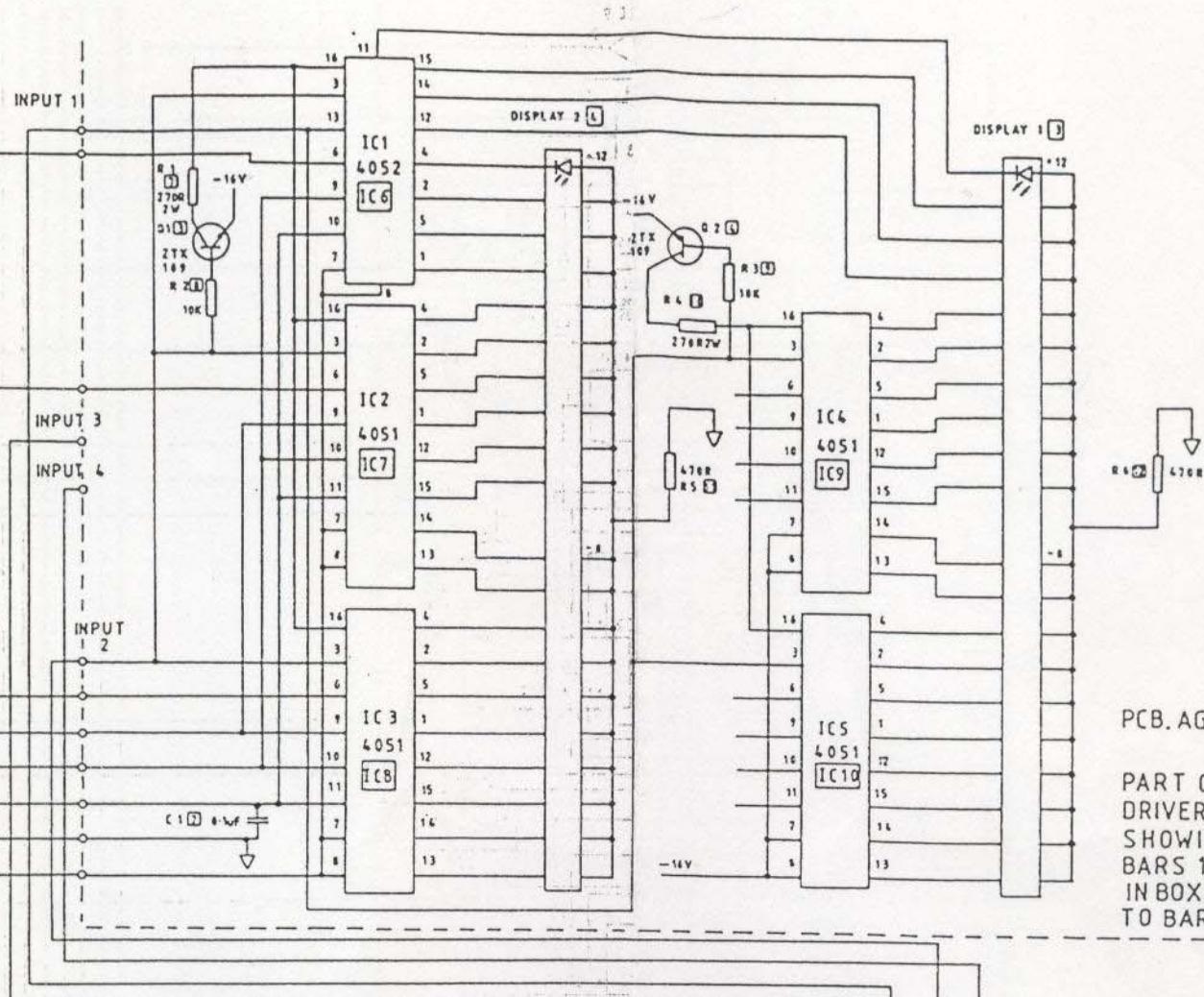
PLAY PCB. AG 0190 ISS. 2

RECTIFIER PCB. AG 0191 ISS. 3

HARNESS DUG A165

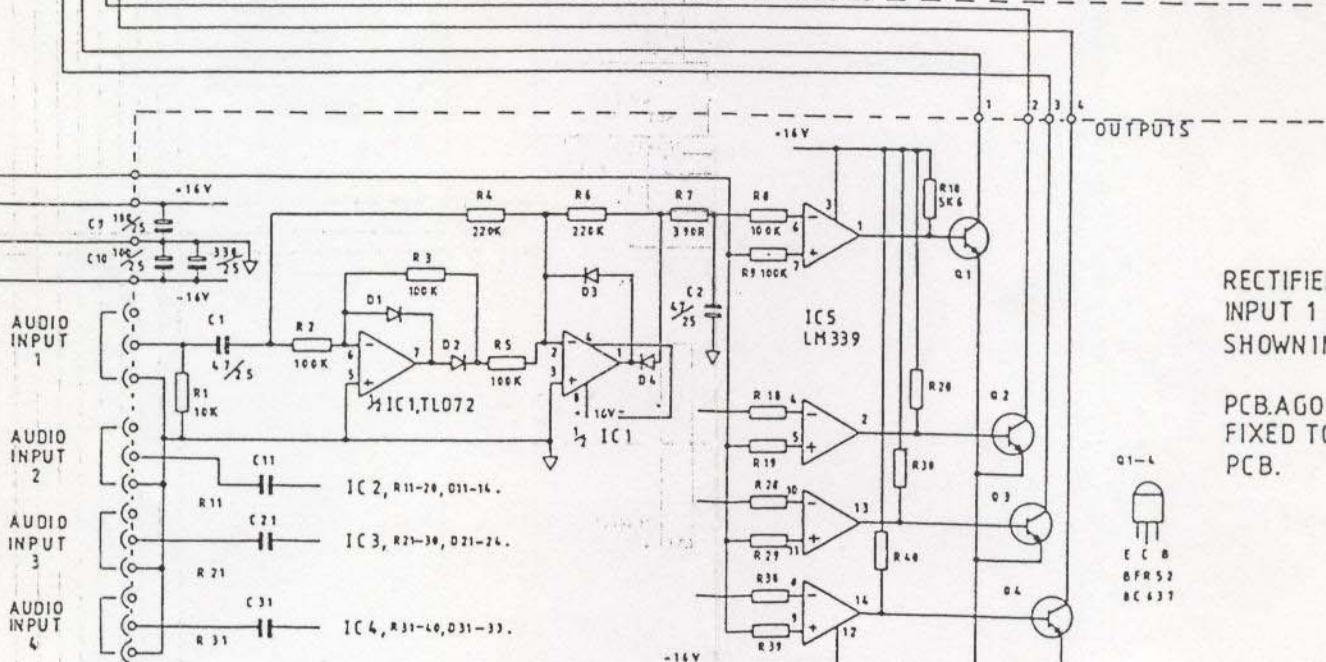






PCB. AG0190iss2.

PART OF DISPLAY  
DRIVER CIRCUIT  
SHOWING LED.  
BARS 1&2 NUMBERS  
IN BOXES REFER  
TO BARS 3&4.



RECTIFIER CIRCUIT  
INPUT 1 ONLY  
SHOWN IN FULL.

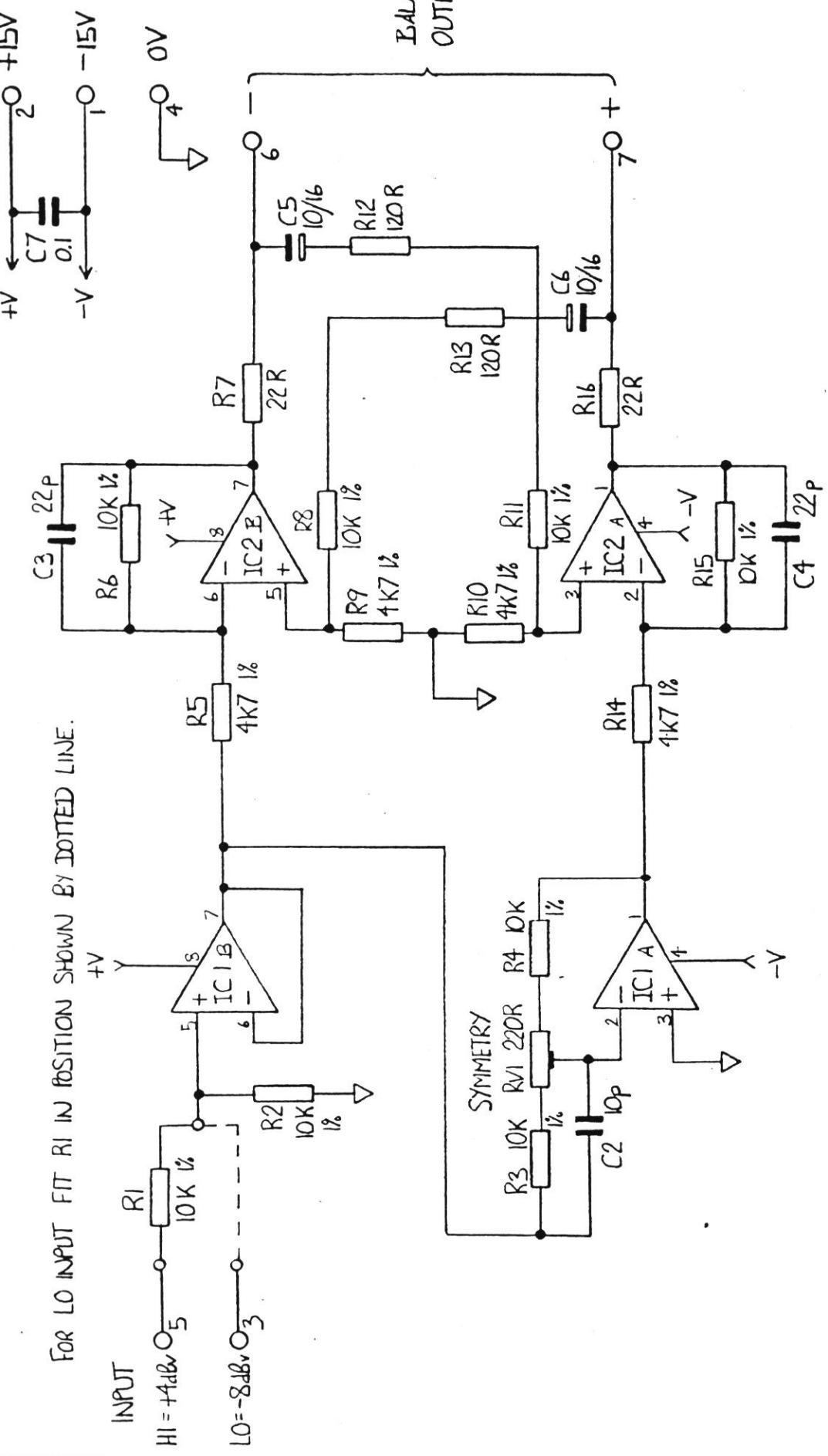
PCB. AG0191iss3.  
FIXED TO DISPLAY  
PCB.



NOTES	UNIT TITLE	DRAWING TITLE	ALLEN & HEATH BREWELL LTD.
APPLIES TO PCB TYPES: MASTER - AG0192iss.3 RECTIFIER - AG0191iss.3 DISPLAY - AG0190iss.2	ALLEN & HEATH	BARGRAPH METER CIRCUIT	DESIGN DEPT 18 SHIP STREET, BRIGHTON BN1 1HE FACTORY: KERNICK INDUSTRIAL EST PENRHYN COMMNL, BN12 5DEP
			DRAWING NO. MBD 189
			ISSUE NO. 5

ALL RESISTORS ARE 1/2 WATT 5% UNLESS MARKED OTHERWISE

FOR LO INPUT FIT R1 IN POSITION SHOWN BY DOTTED LINE.



**AHB**  
ALLEN & HEATH BRENTWOOD  
PROFESSIONAL AUDIO EQUIPMENT

DESIGN DEPT. 1A, 309 STREET, BROMPTON, BRIXTON, LONDON SW9 2AE  
FACTORY, KEMMICK INDUSTRIAL EST., PEAKFORT, CO. DUBLIN 7, IRELAND

TITLE

EBOS - OPTION PCB CIRCUITS

ELECTRONICALLY BALANCED Output System

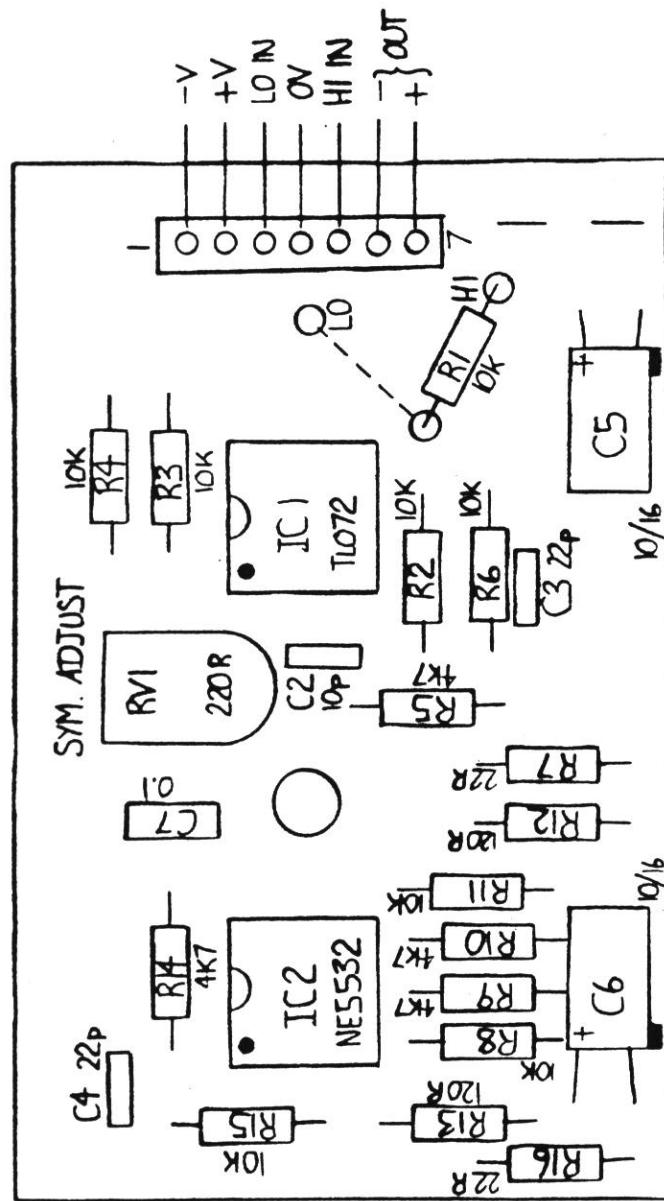
IC TYPE AG0117 ISSUE 2

DRG. No. A137 ISSUE 2

DRAWN BY CD 29.7.86  
DRAWN BY CD 29.7.86  
Issue 2

EBOS COMPONENT SIDE

AGO 117 ISSUE 2

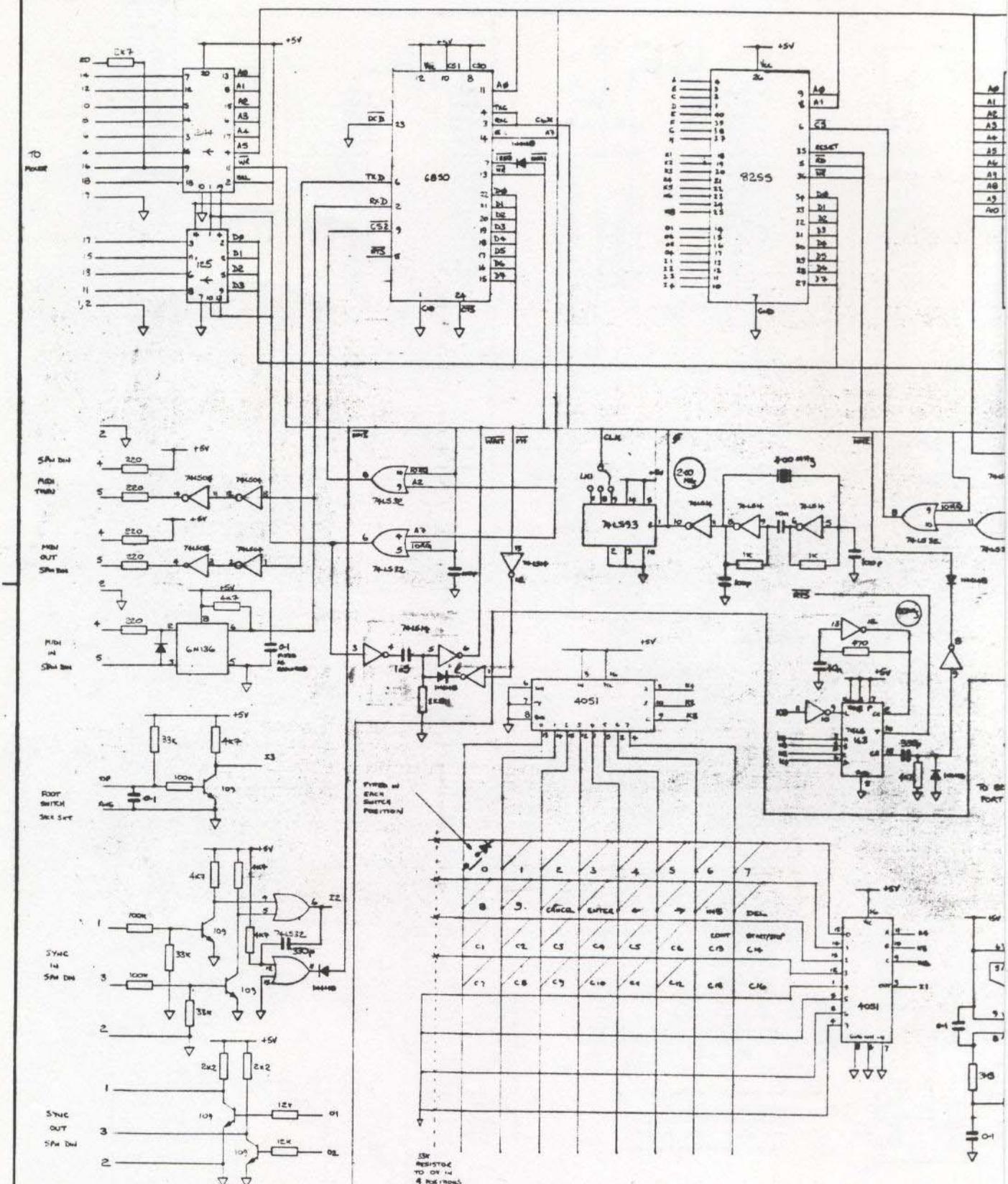


ALLEN & HEATH BRENTWOOD LTD.

**PROFESSIONAL AUDIO EQUIPMENT  
MANUFACTURERS**

'DESIGN DEPT' 69, SHIP STREET, BRIGHTON BN1 1AE  
'FACTORY' KERNICK INDUSTRIAL EST, PENRYN, CORNWALL. Tel 03261 72070  
Tel 01273 24928

DRAWING NO. BW 192 ISSUE 2



DATE	REVISION	DATE CHECKED
28/7/82		
17/2/85		
10/12/85		

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**STANDARD NOTES**

ALL DIMENSIONS IN mm  
DO NOT SCALE DRAWING  
THIRD ANGLE PROJECTION  
REMOVE ALL BURRS & SHARP EDGES



## MATERIAL

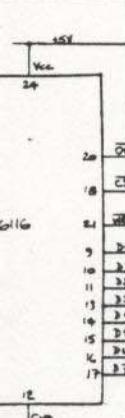
#### **TOLERANCES**

**TOLERANCES**

<b>GENERAL</b>	$\pm 0,25$ mm
<b>HOLE CENTRES</b>	$\pm 0,15$ mm
<b>HOLE SIZES</b>	$\pm 0,10$ mm

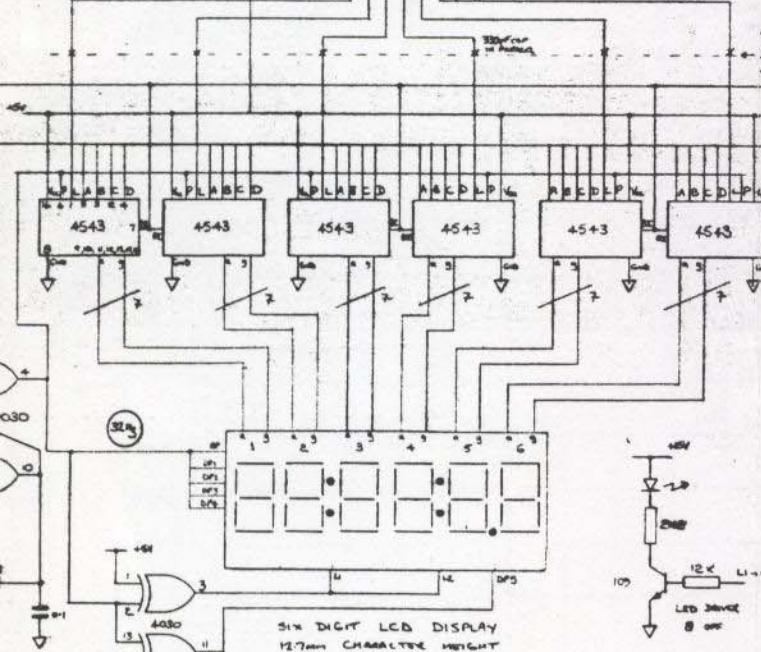
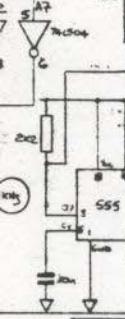
**UNLESS STATED OTHERWISE**

ADDRESS BUS



BUS

DATA BUS



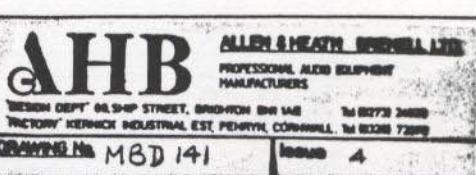
FINISH

NOTES

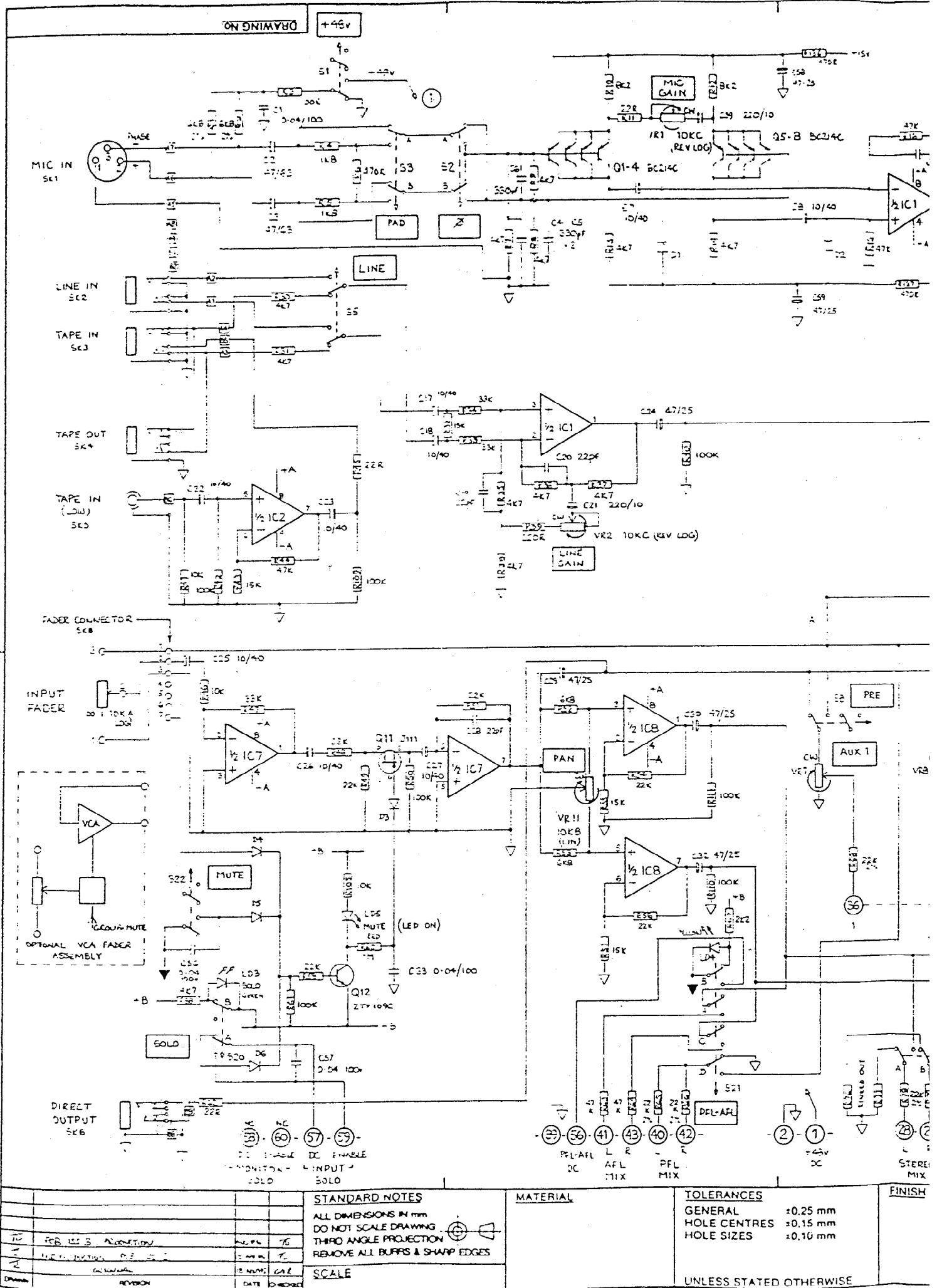
UNIT TITLE

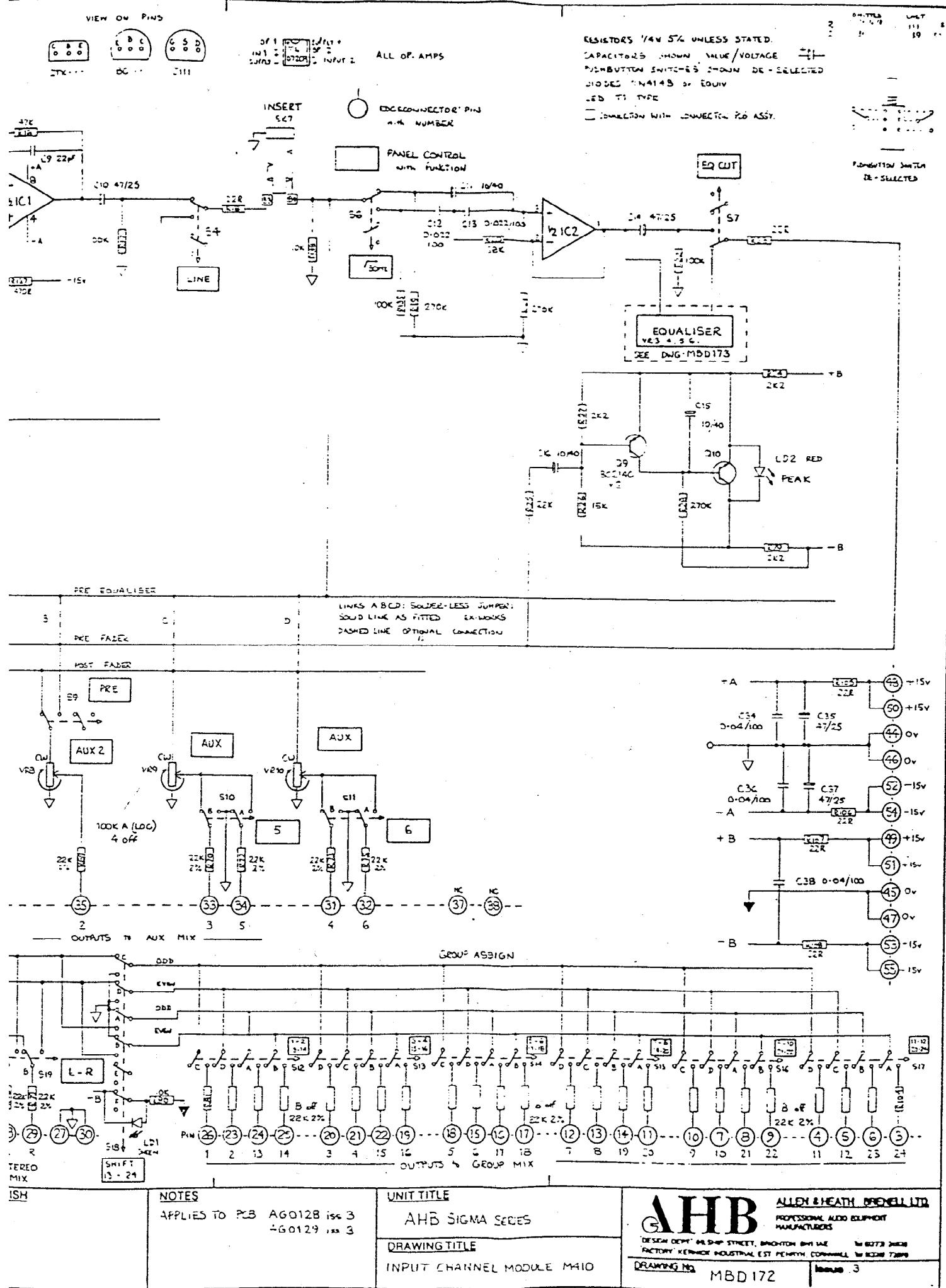
KMIX REMOTE CIRCUIT

DRAWING TITLE

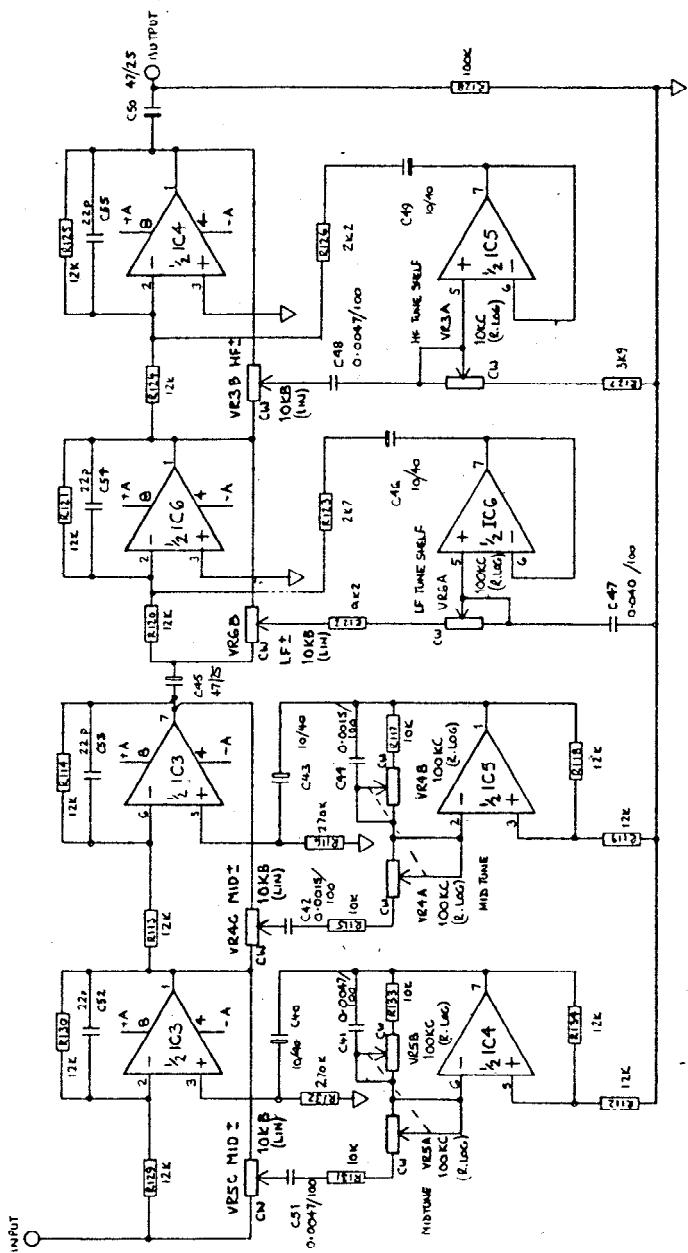


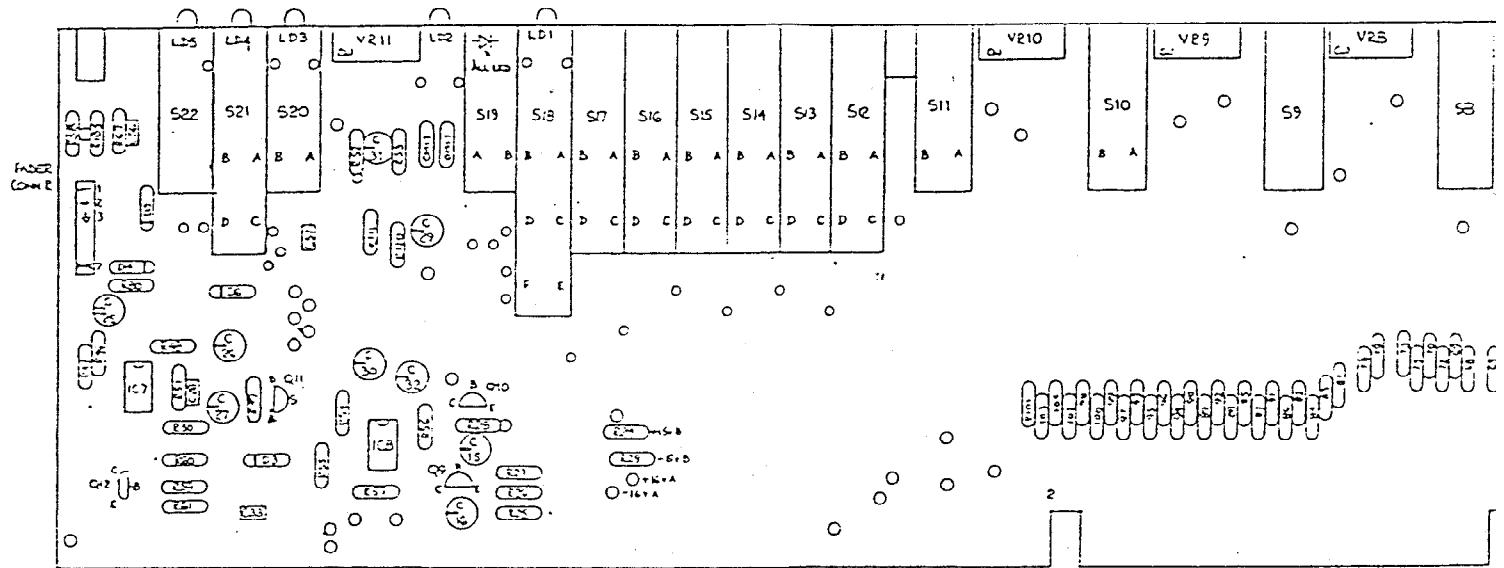
Issue 4



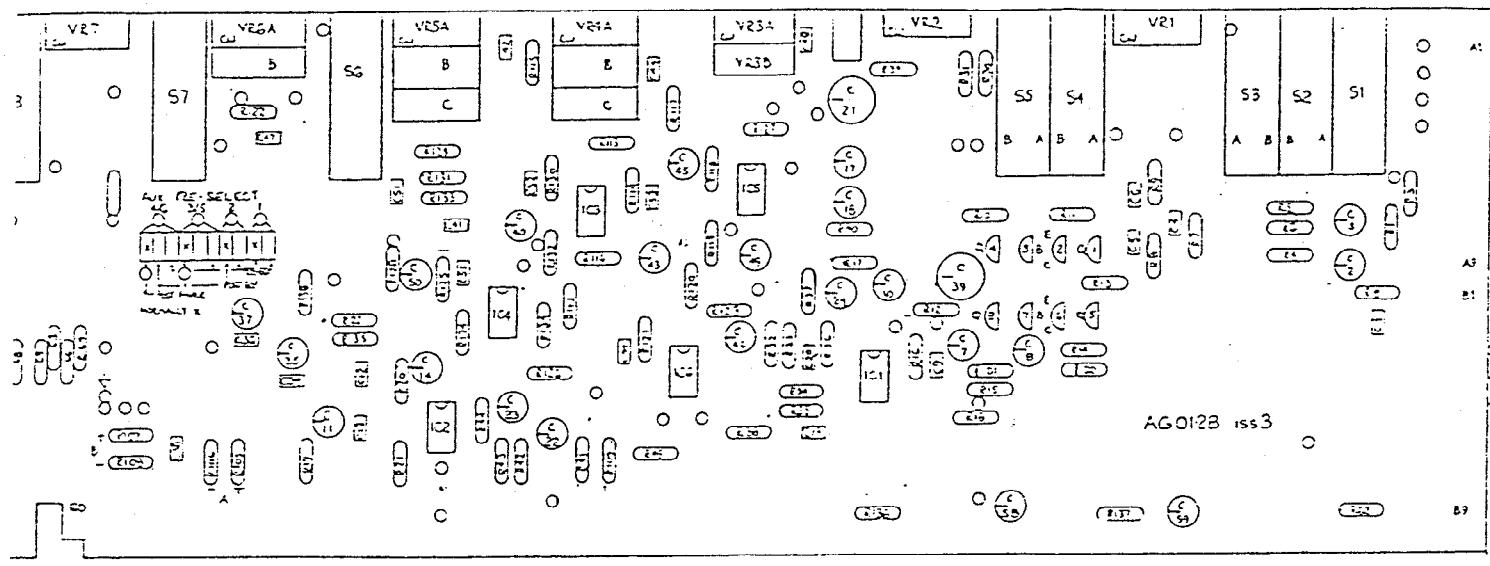


RESISTORS 1/4W 5% UNLESS STATED OTHERWISE  
CHARACTERS STREAM VALUE / VOLTAGE  $\frac{+/-}{\parallel}$   
 $172K \times (47.100)PF, 10\% = 0.00472f$

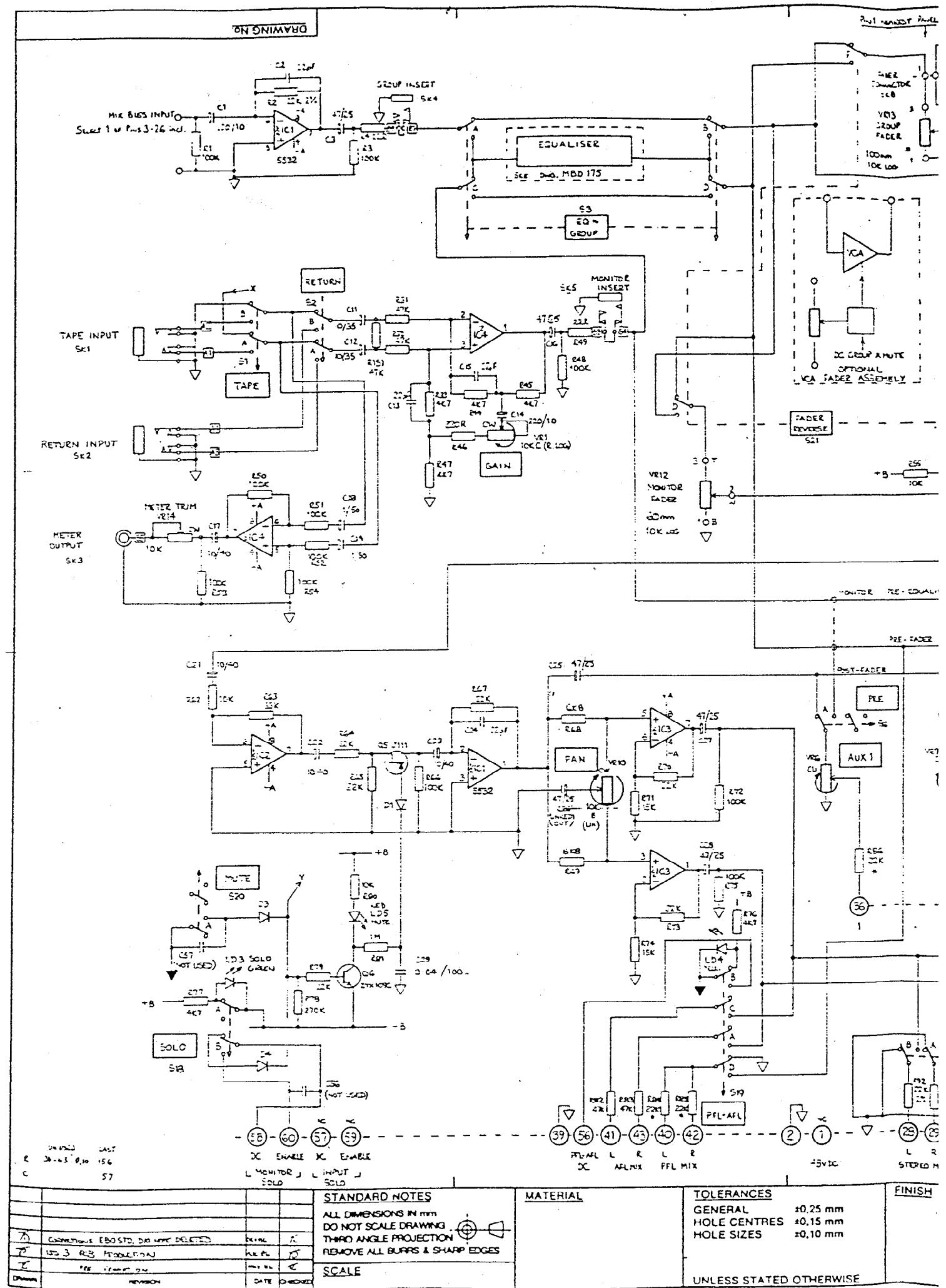


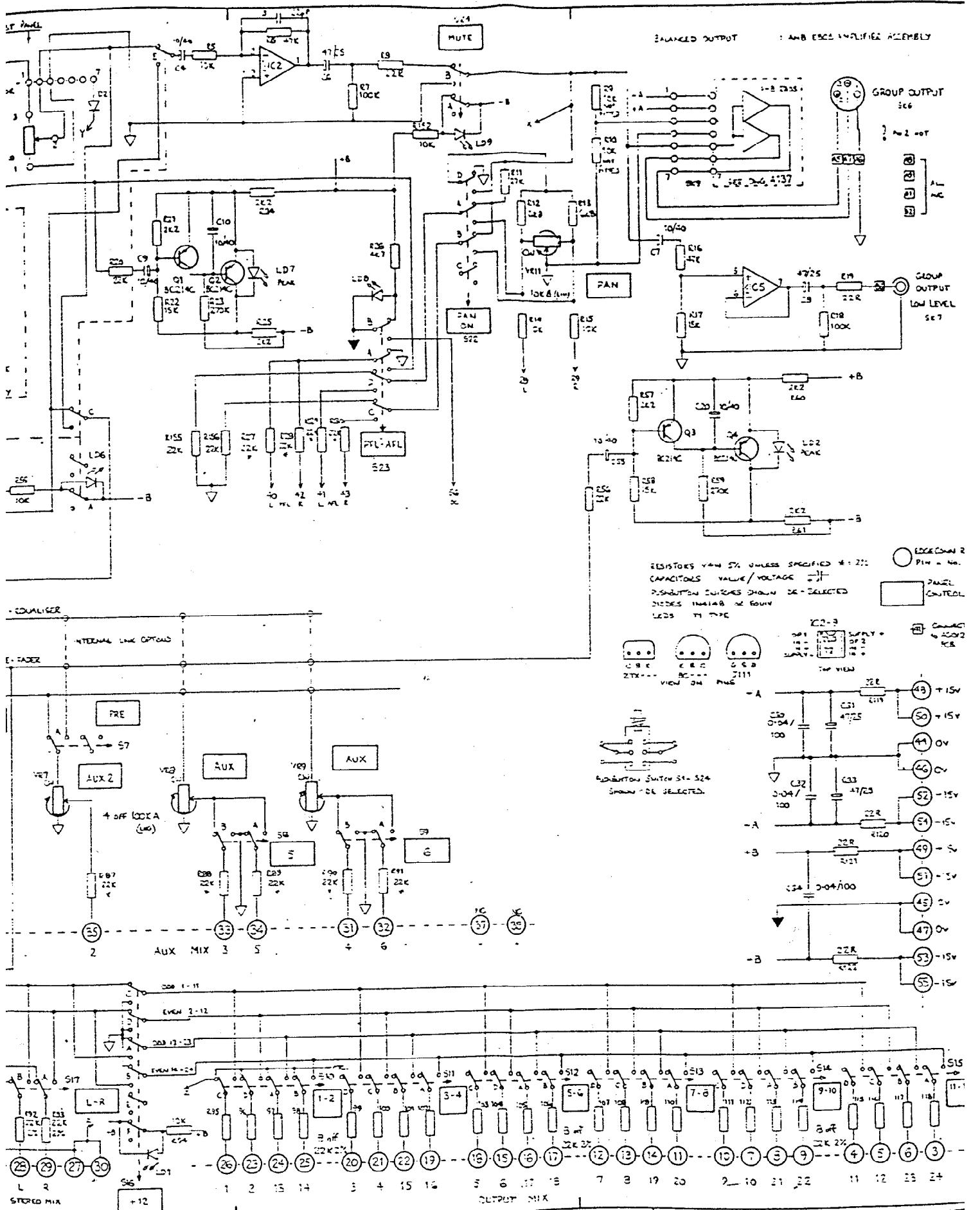


AHB SIGMA SERIES



RB ASSEMBLY AG0128 iss3 ZX100-004 Part of MODULE TYPE M410





**UNIT TITLE**  
**AHB SIGMA SERIES**  
**DRAWING TITLE**  
**LINE INPUT-OUTPUT MODULE**  
**M420**

**AHB**

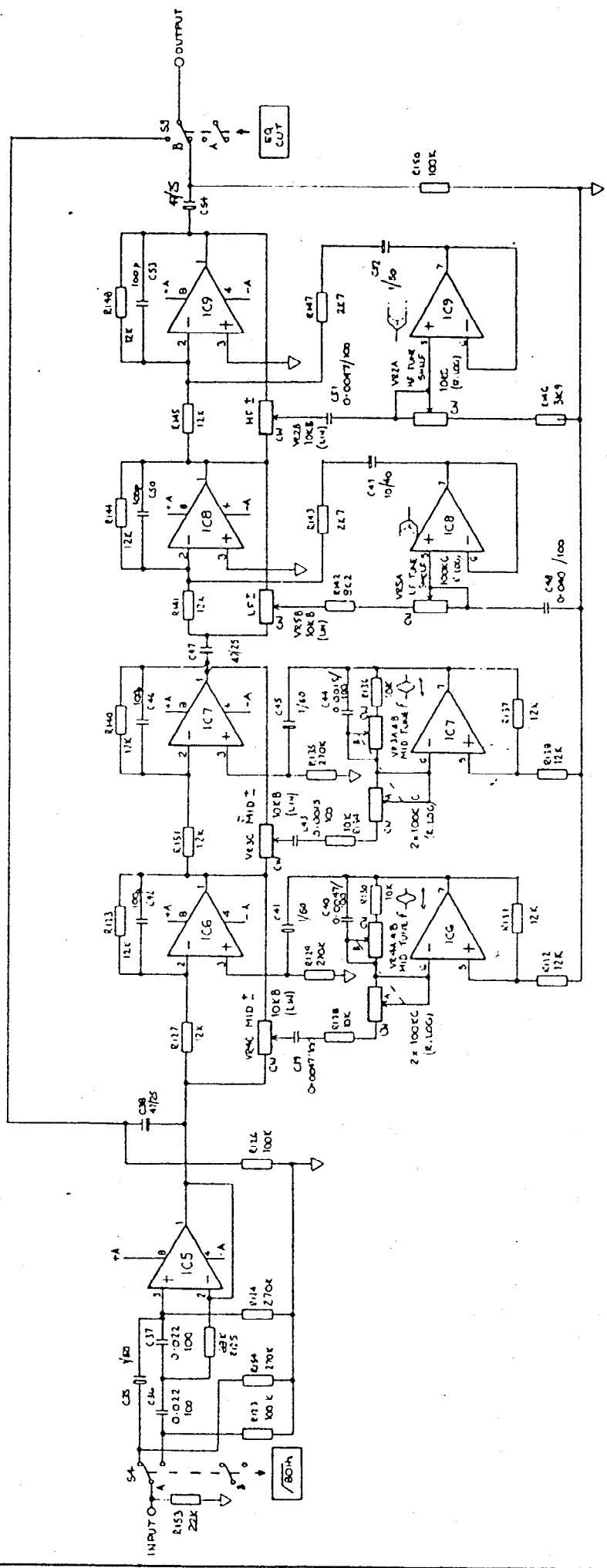
ALLEN & HEATH BRENTFELL LTD  
PROFESSIONAL AUDIO EQUIPMENT  
MANUFACTURERS

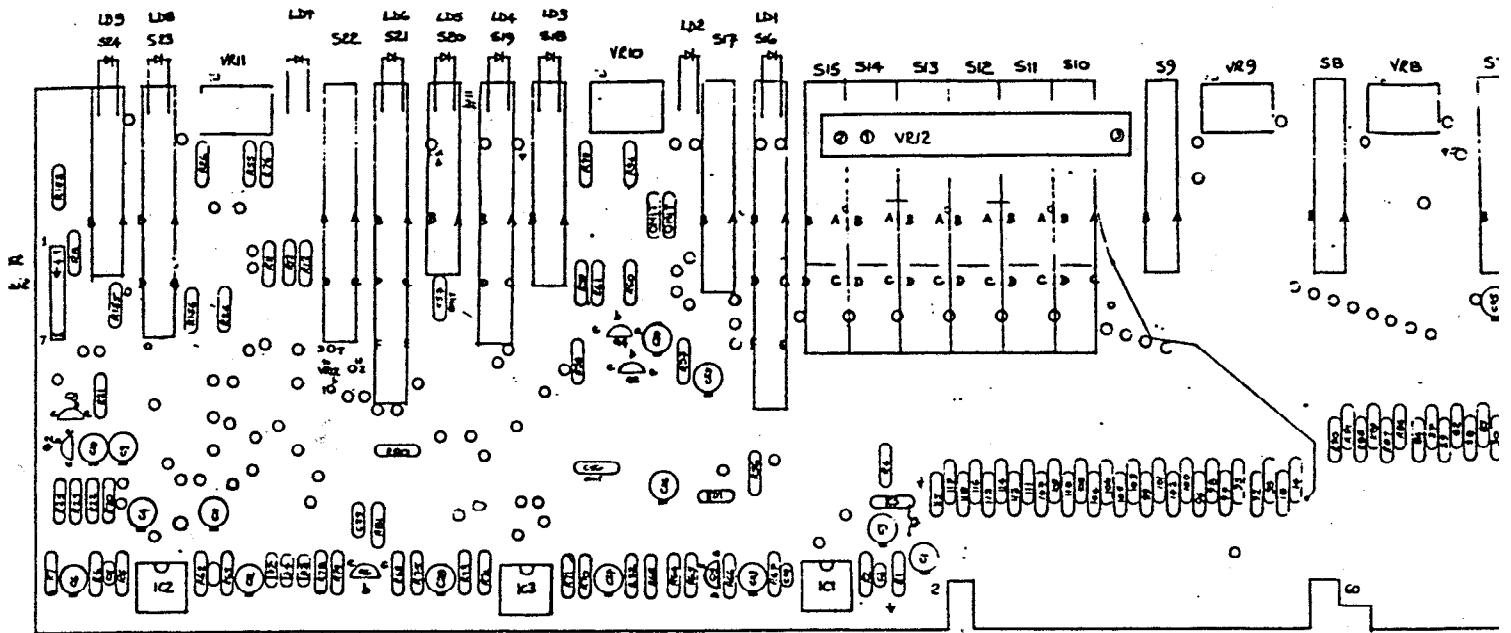
DESIGN DEPT 14, SHIP STREET, BRONPTON BN1 1AE  
FACTORY KERNAK INDUSTRIAL EST, PENRITH CUMBRIA CA10 1JZ

DRAWING NO. MBD 174 ISSUE 4

M420

RESISTORS	1/4W	5%	LINEAR SPECIFICATIONS
CAPACITORS	SHOWN	VALUE / VOLTAGE	WITHIN

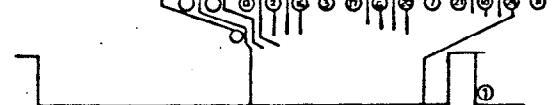




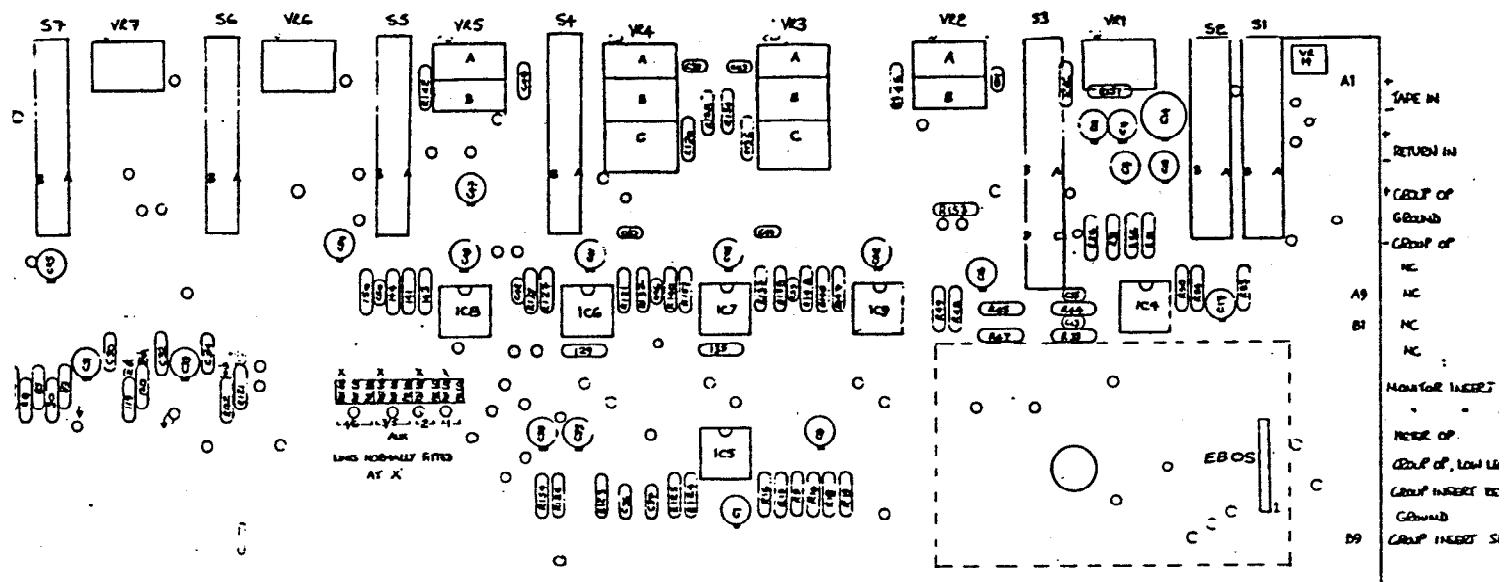
OTHER SIDE OF PCB

OTHER-SIDE OF PCB

AHB SIGMA SERIES

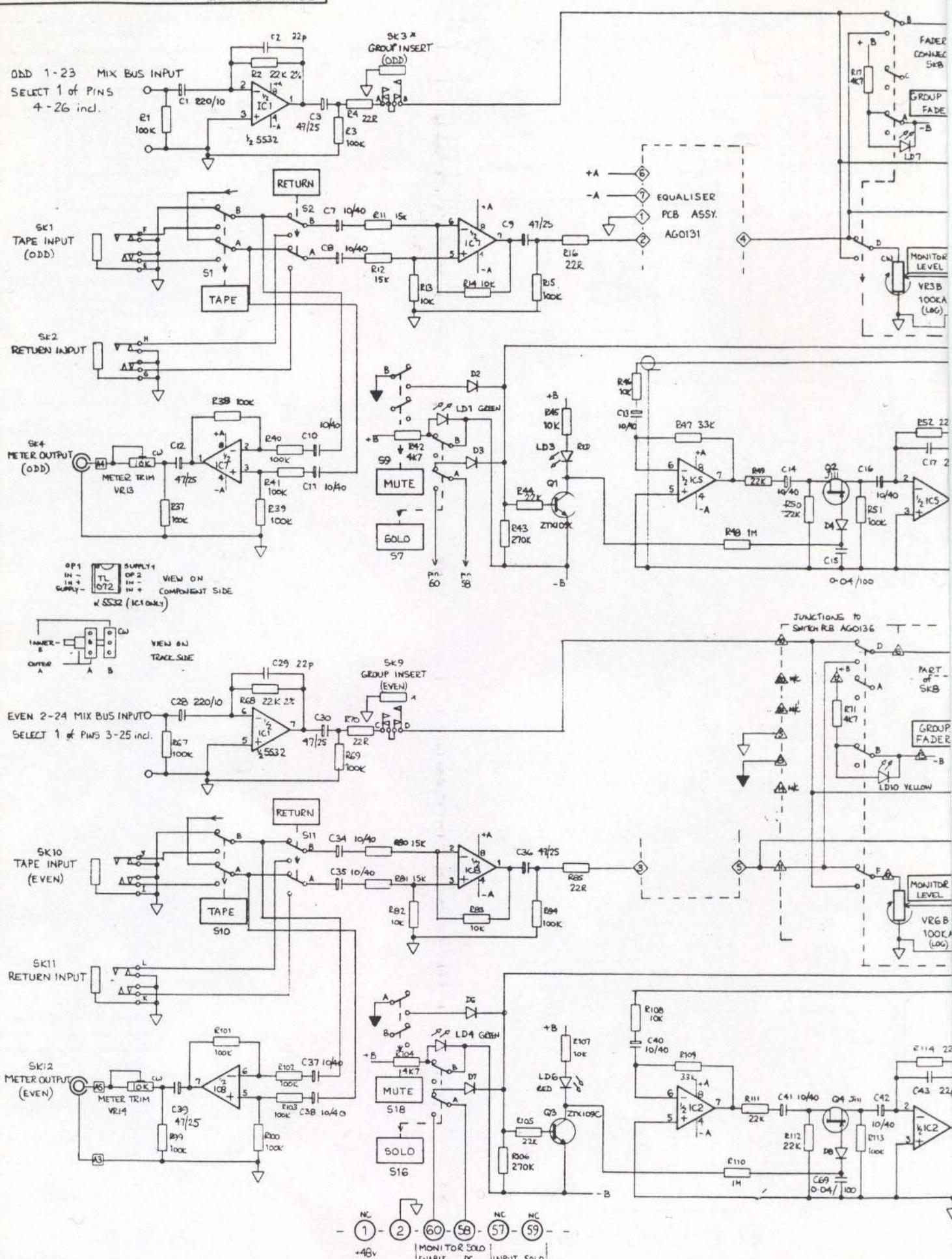


— BOTTOM PCB ASSEMBLED IN 3  
ONE OF THREE-SIDE  
CIRCUIT ARRANGED CONFIGURATION  
O ATTACHMENT PAD FOR SOLDERED WIRE. NUMBER IS THE  
CIRCUIT PAD NUMBER. SEE SERVICE SHEET - CIRCUIT ARRANGEMENT.

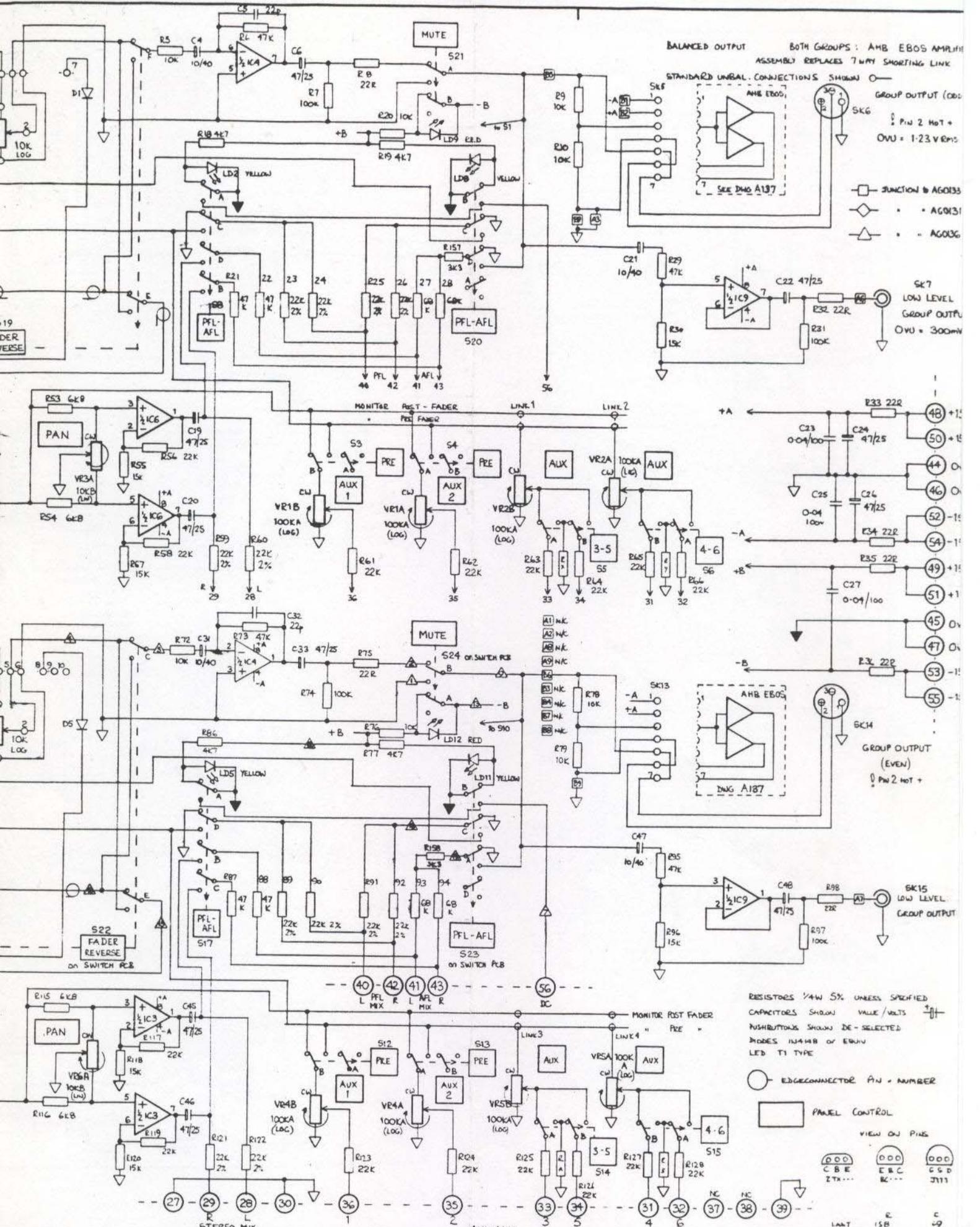


PCB ASSEMBLY AG0130 ISS 3 Z×100 - 101 PART OF MODULE TYPE M420

BALANCED OUTPUT: FIT EB0 AS7 A1  
COT JUG A137  
UNBALANCED OUTPUT: FIT JUMPER F  
TO JUM P16 6 → 4 AND  
P17 7 → 5.



ELECTRICAL CONNECTIONS				LENSES	DC INPUT VOLTS
				STANDARD NOTES	
				ALL DIMENSIONS IN mm DO NOT SCALE DRAWING THIRD ANGLE PROJECTION REMOVE ALL BURRS & SHARP EDGES	
					
<b>PRODUCTION</b> <b>SWITCH &amp; EQ PCB ADDED. MAIN PCB ISS 2</b>				<b>SCALE</b>  <b>MATERIAL</b>	
DRAWN	REVISION	DATE	CHECKED	<b>TOLERANCES</b> <b>GENERAL</b> ±0,25 mm <b>HOLE CENTRES</b> ±0,15 mm <b>HOLE SIZES</b> ±0,10 mm  <b>UNLESS STATED OTHERWISE</b>	



NISH

**NOTES**APPLIES TO PCB'S AG0132 DUAL OP AMP  
AG0133 DOP CONN'.

SEE ALSO DWG. MBD177 EQUALISER.

**UNIT TITLE****AHB SIGMA****DRAWING TITLE**DUAL GROUP + MONITOR CIRCUIT.  
MODULE ASSEMBLY M430**AHB**PROFESSIONAL AUDIO EQUIPMENT  
MANUFACTURERS

DESIGN DEPT: 91 SHIP STREET, BRIGHTON BN1 1AE TN10 273 24926

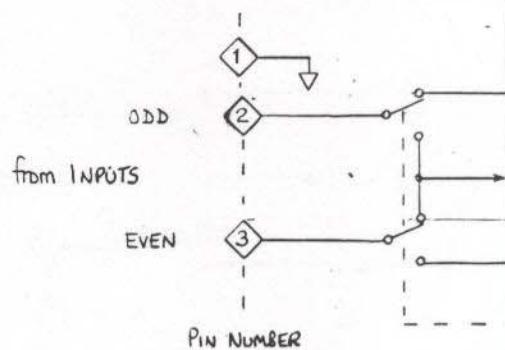
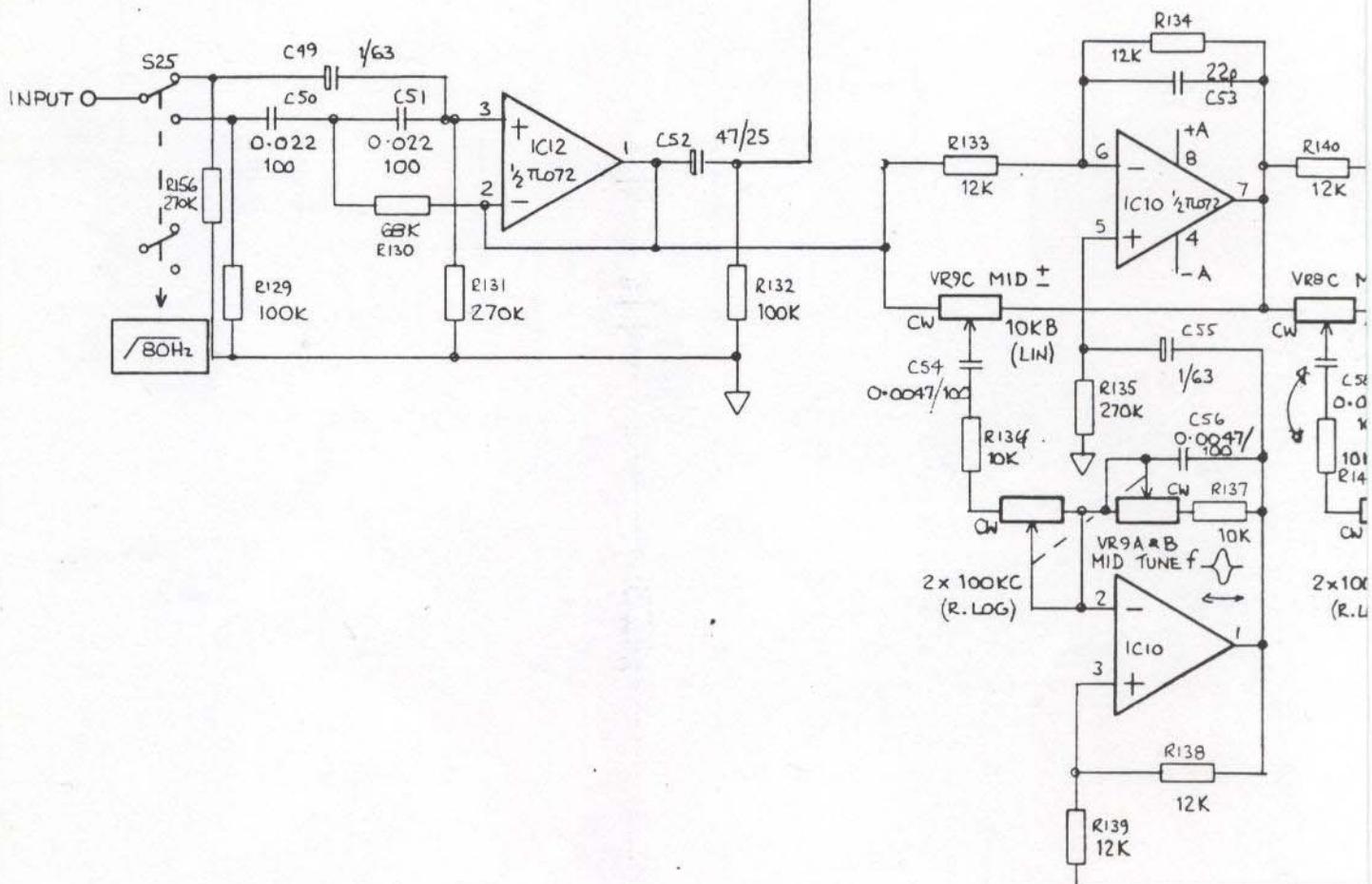
FACTORY: KERNICK INDUSTRIAL EST, PENWITH, CORNWALL TN10 3ZG 72026

DRAWING NO.

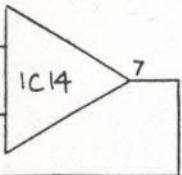
MBD176

ISSUE

3



				<u>STANDARD NOTES</u>	<u>MATERIAL</u>	<u>TOLERANCES</u>
				ALL DIMENSIONS IN mm DO NOT SCALE DRAWING THIRD ANGLE PROJECTION REMOVE ALL BURRS & SHARP EDGES		GENERAL ±0,25 mm HOLE CENTRES ±0,15 mm HOLE SIZES ±0,10 mm
R	PRODUCTION.	JW 87	To			
DRAWN	REVISION	DATE	CHECKED	SCALE		UNLESS STATED OTHERWISE



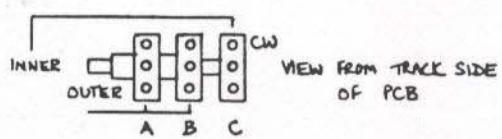
OP1 IN - IN + SUPPLY -



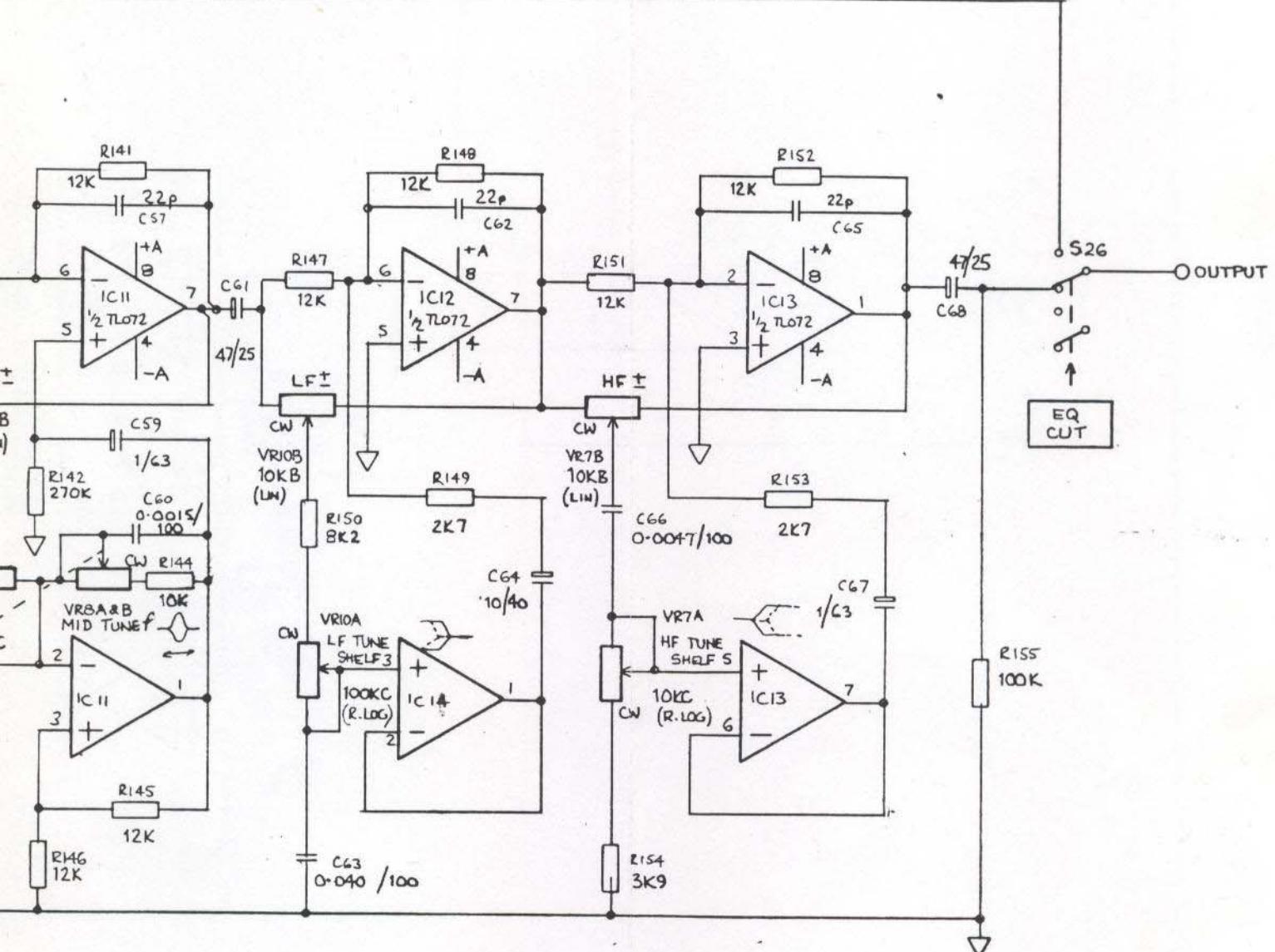
OP2 IN - IN +

RESISTORS 1/4W 5% UNLESS SPECIFIED  
CAPACITORS SHOWN VALUE/VOLTAGE  $\pm 1\%$

SWITCHES SHOWN RELEASED



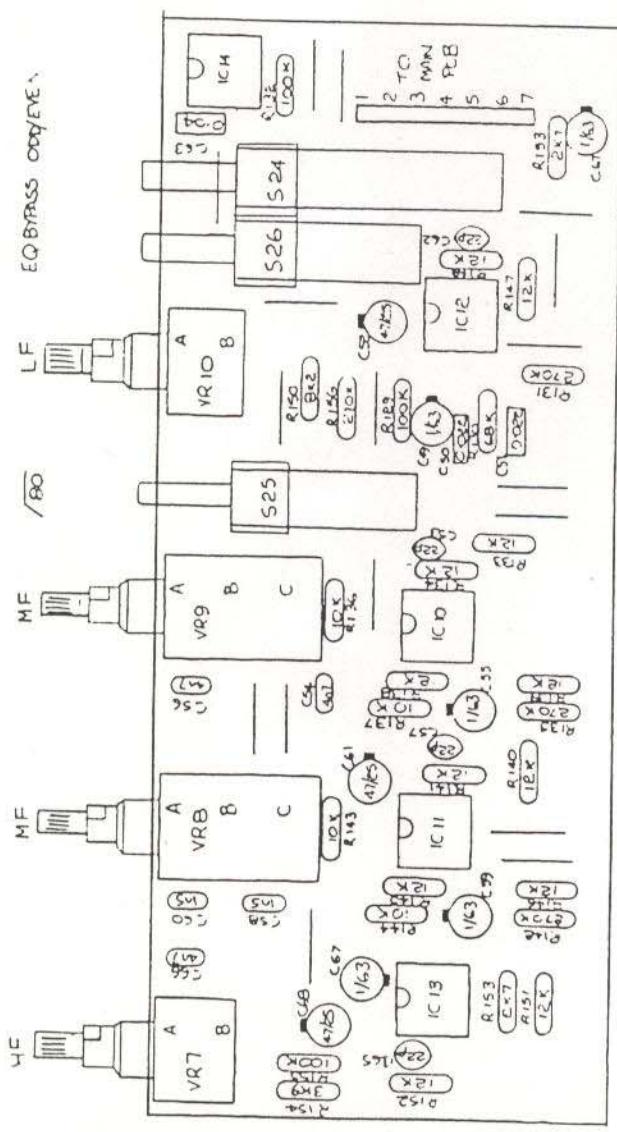
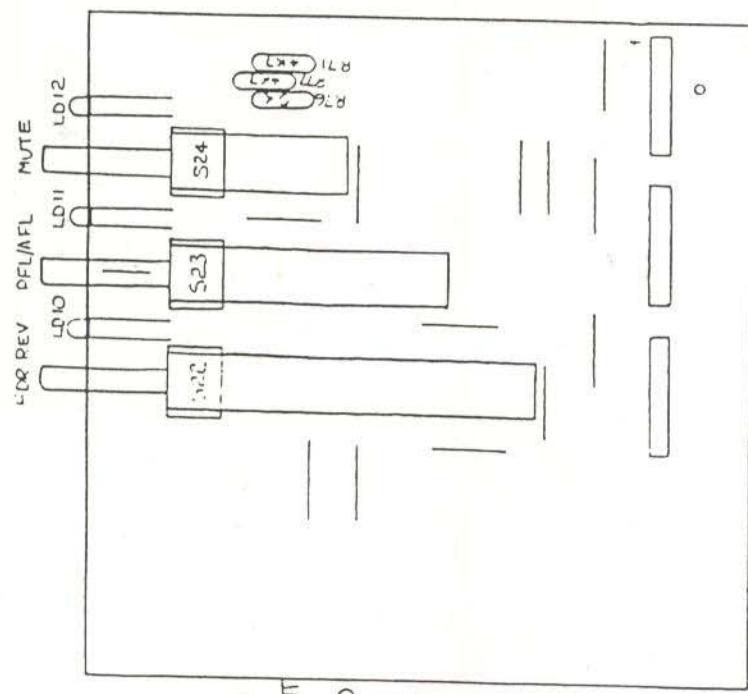
UNUSED LAST  
156. 68

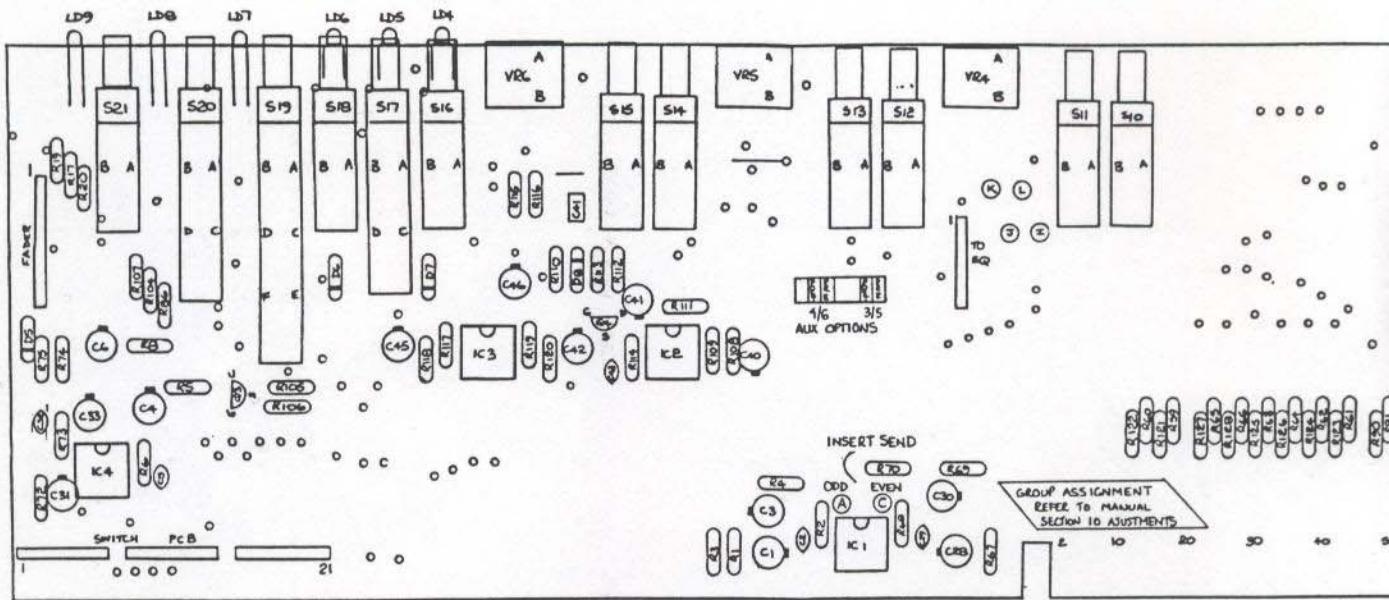


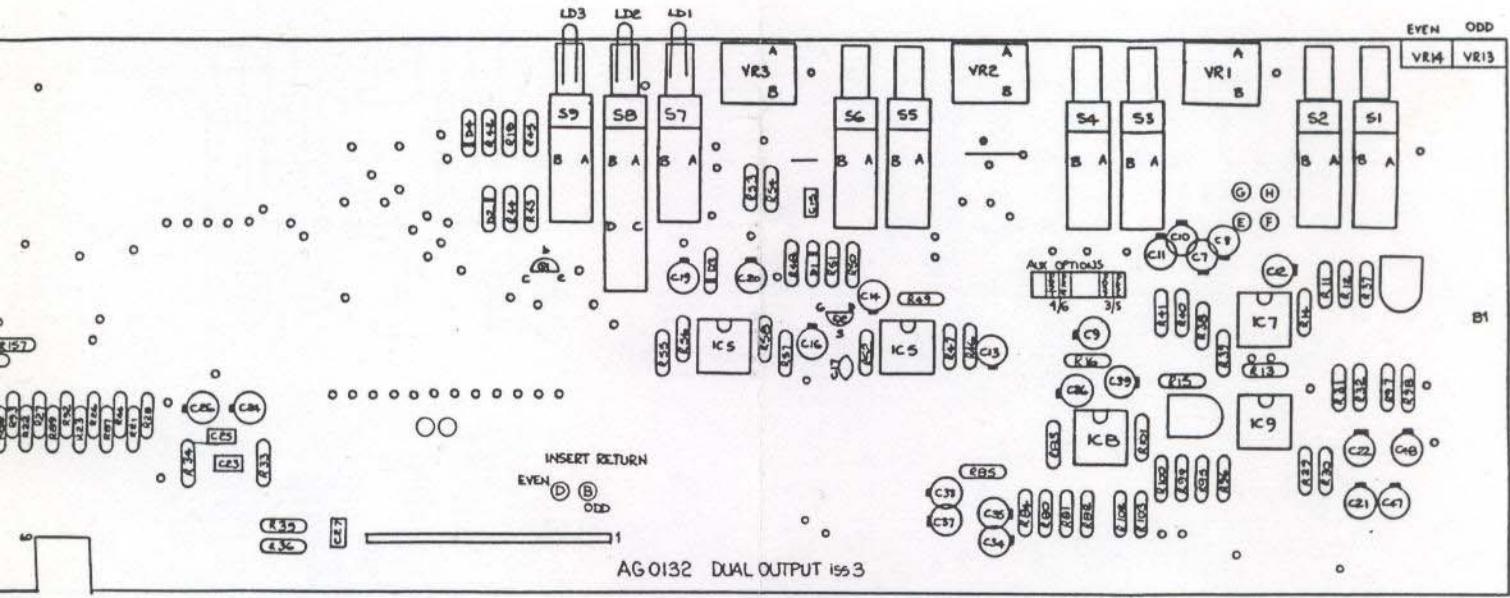
## to LEVEL controls

$$\begin{array}{l} A+ \leftarrow \text{6} \\ A- \leftarrow \text{7} \end{array}$$

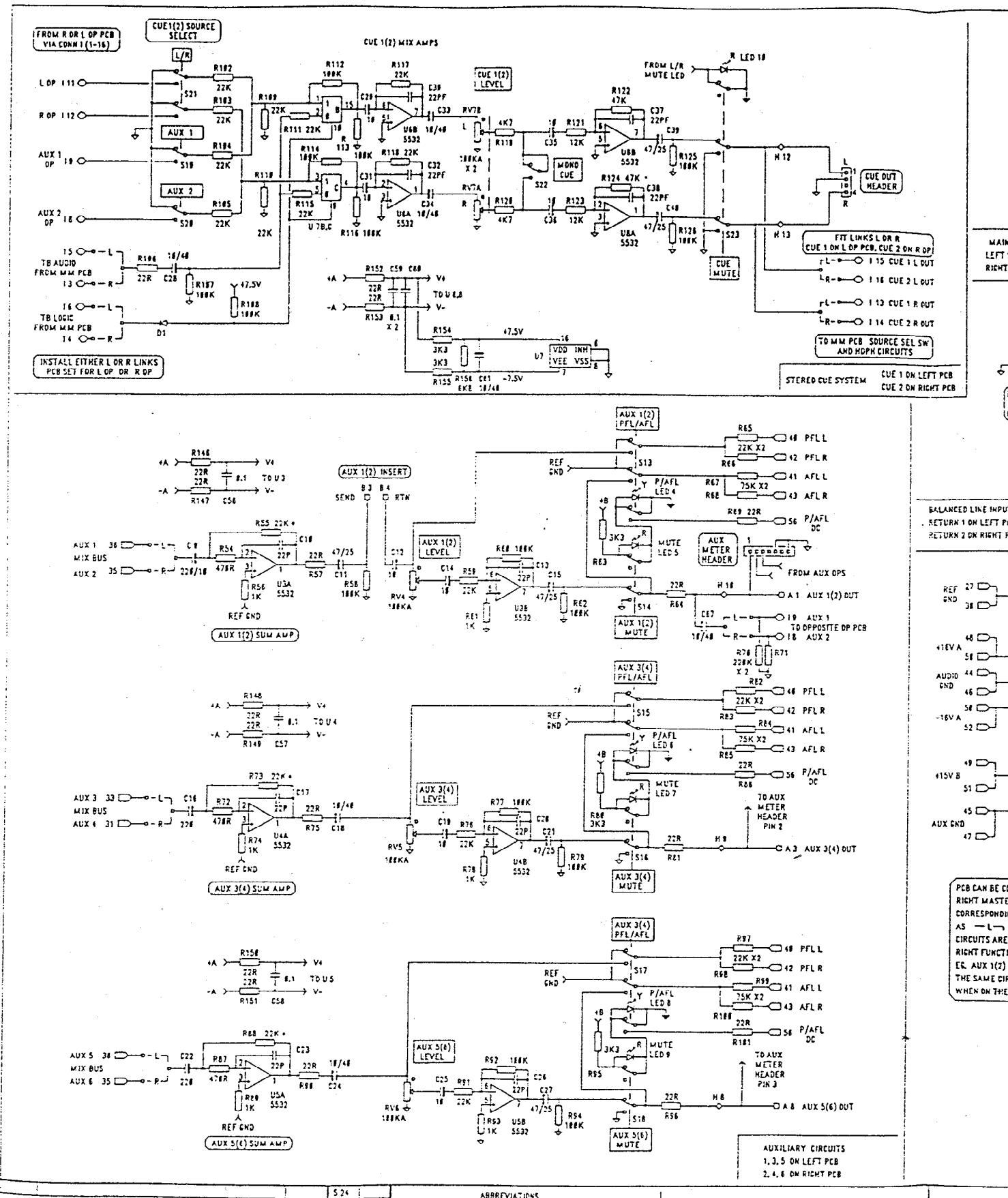
NISH	NOTES PCB AGO131	UNIT TITLE AHB SIGMA	
		DRAWING TITLE EQUALISER for DUAL OUTPUT MODULE TYPE M430	



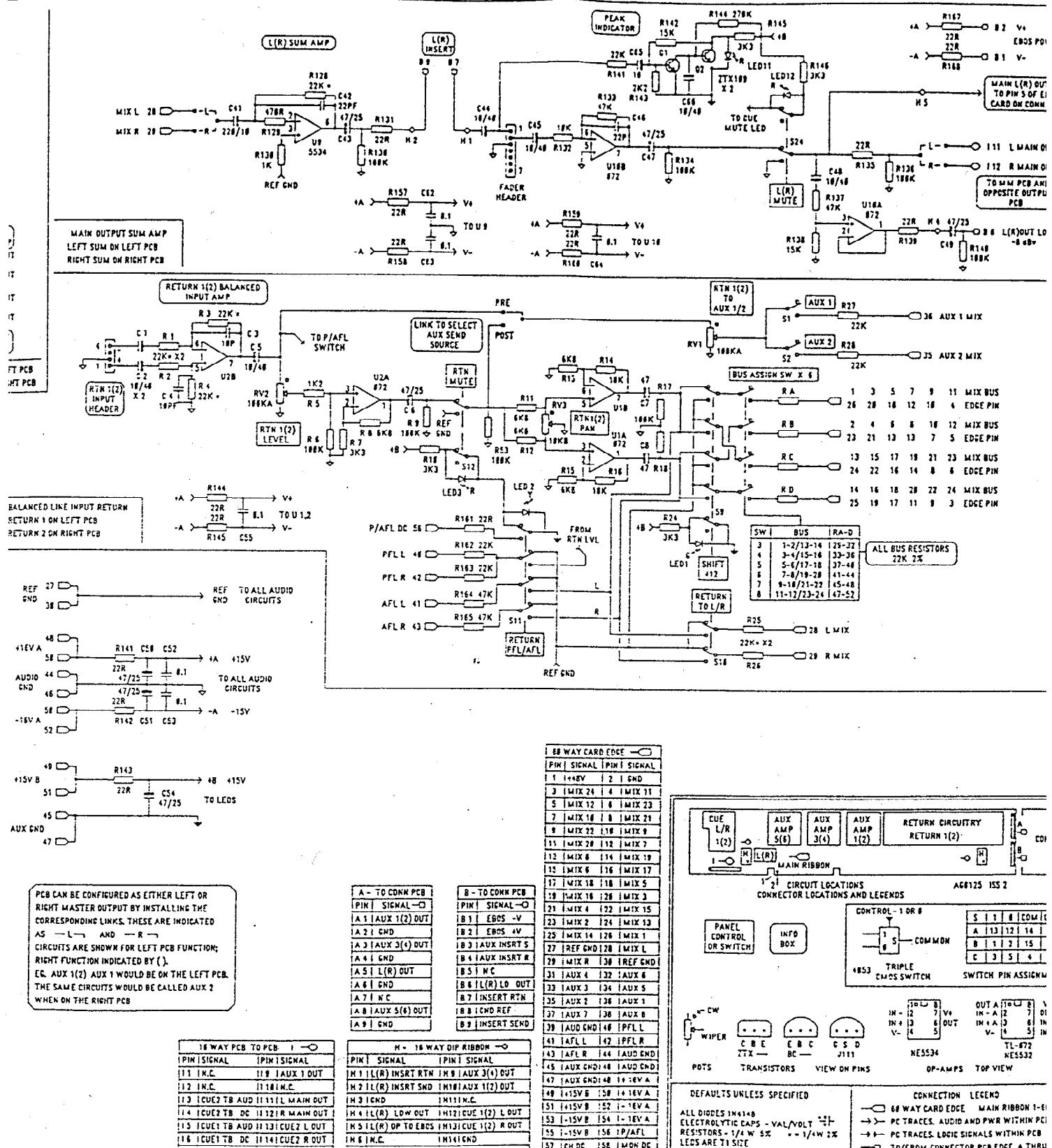




PCB ASSEMBLY DUAL OUTPUT FOR MODULE TYPE M430



		S 24	ABBREVIATIONS		
		U 18			
		D 2			
		D 1			
JRP : R123 TO 42K, ADD PIN #6, CONN 1 PIN/OUT CHNG	138 NOV 86 JRP	C 67	CR = CONTROL ROOM	FLYBK, FB = PLAYBACK	
JRP : ORIGINAL	18 OCT 86 JRP	P 168	TB = TALKBACK	FFL = FREE-FADER LISTEN	
DRAWN	REVISION	DATE CHECKED	LAST USED	MON = MONITOR	AFL = AFTER FADER LISTEN
				R, RT = RIGHT	OP = OUTPUT
				L, LFT = LEFT	RTW = RETURN
				HDPH = HEADPHONE	SD = SEND
				LS = LOUD SPEAKER	



UNIT TITLE

AMB SIGMA

DRAWING TITLE

LEFT AND RIGHT OUTPUT MASTER PCB AG8125 ISS 2 SCHEMATIC

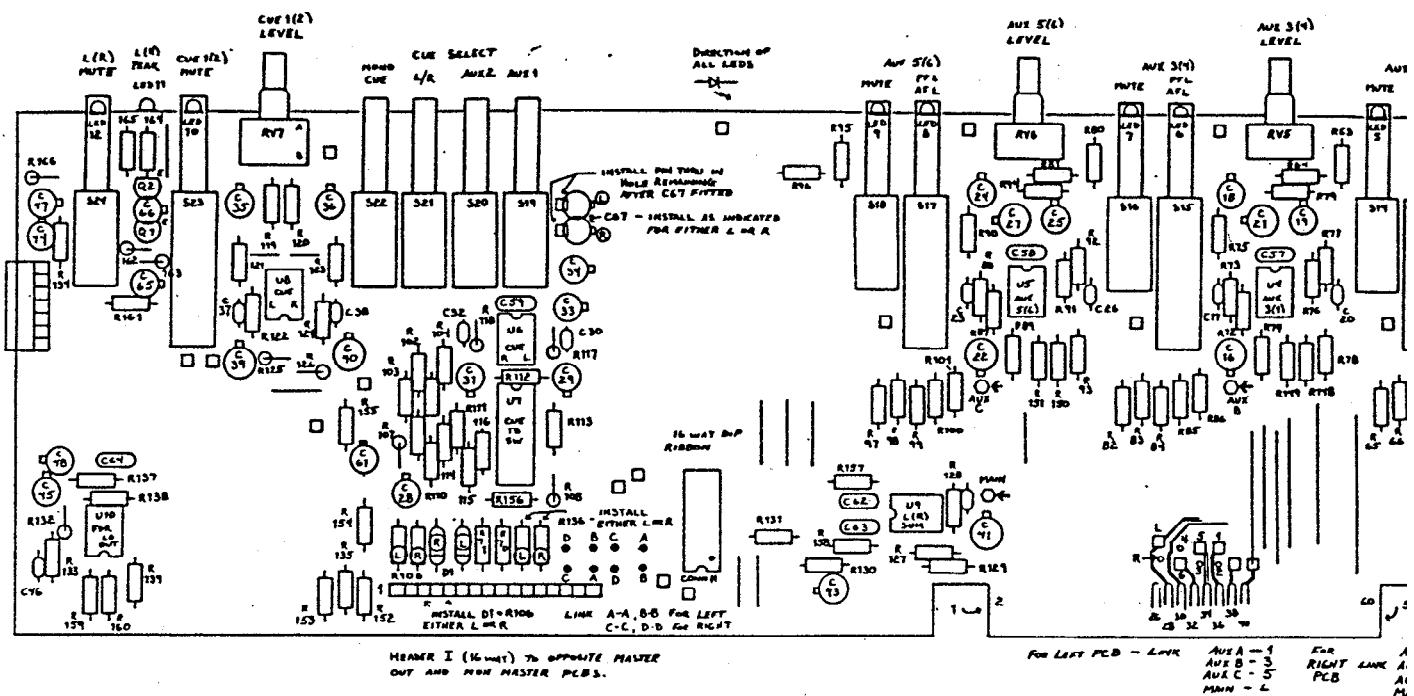
DRAWING NO. MBD124

AHB

ALLEN & HEATH BRENTF LTD.  
PROFESSIONAL AUDIO EQUIPMENT  
MANUFACTURERS

ISSUE 2

M440



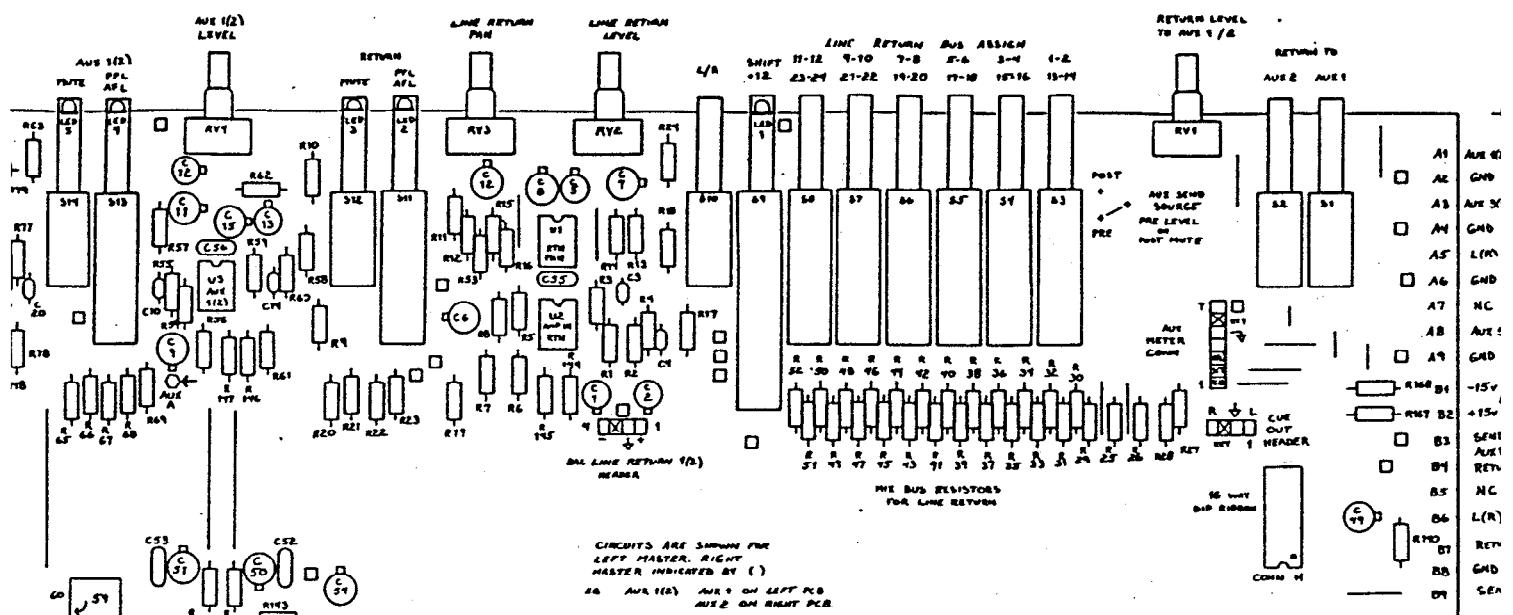
DRAWN BY JRP 18 OCT 84

AHB SIGMA

L/R MASTER OUTPUT PCB

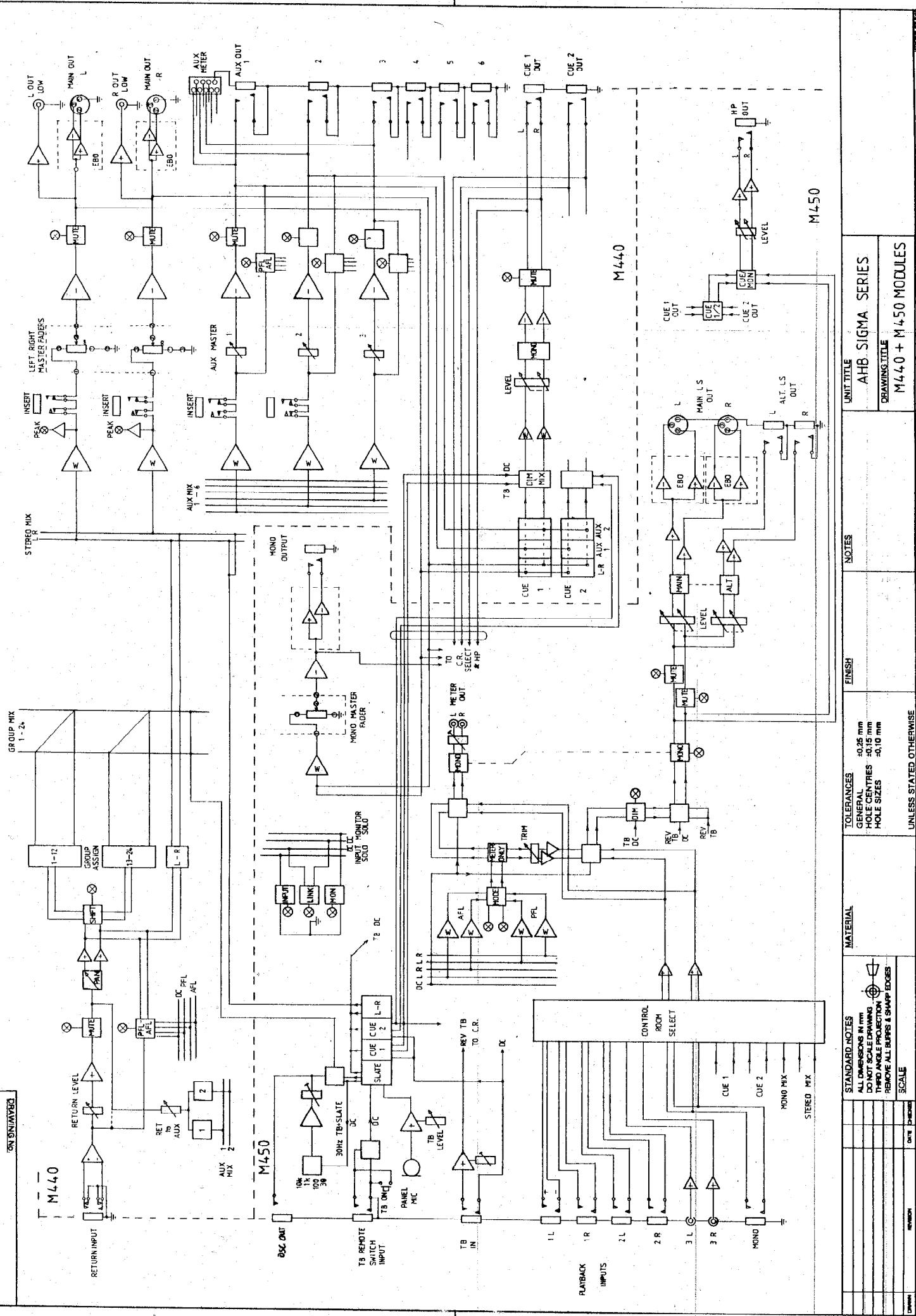
AGO165 1552

### COMPONENT OVERLAY



AY  
 10  
 GND LINE AUX B-7  
 12 AUX C-6  
 MAIN -R

□ = OPEN THRU



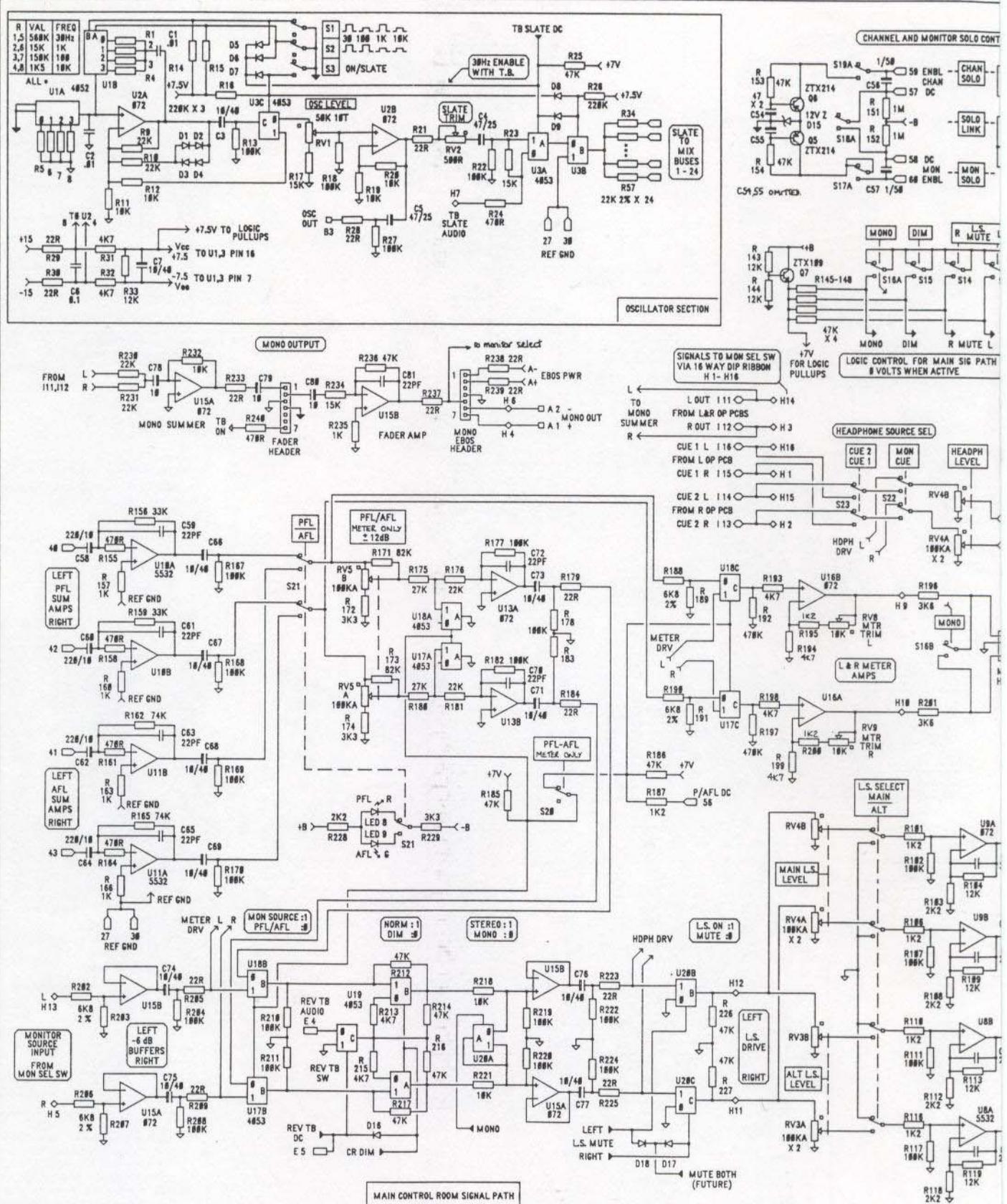
### AHB SIGMA M441 MODULE INFORMATION

The M441 module has two extra auxiliary master circuits and outputs, making eight in total. These two are numbered 7 and 8.

Their panel controls are immediately below those of aux 5 and 6.

The circuits and components are identical to 5 and 6 and appear to the left of 5 and 6 on the component overlay.

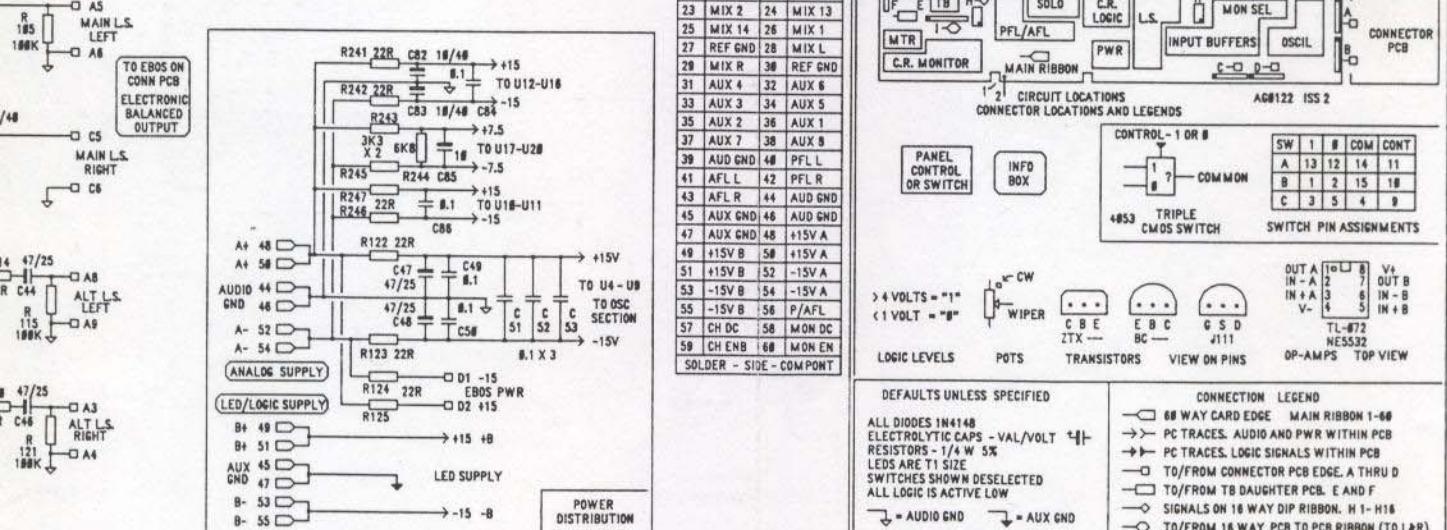
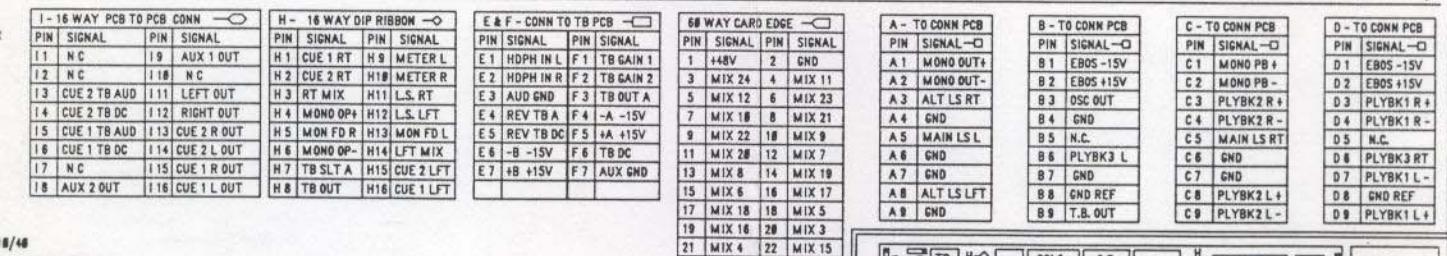
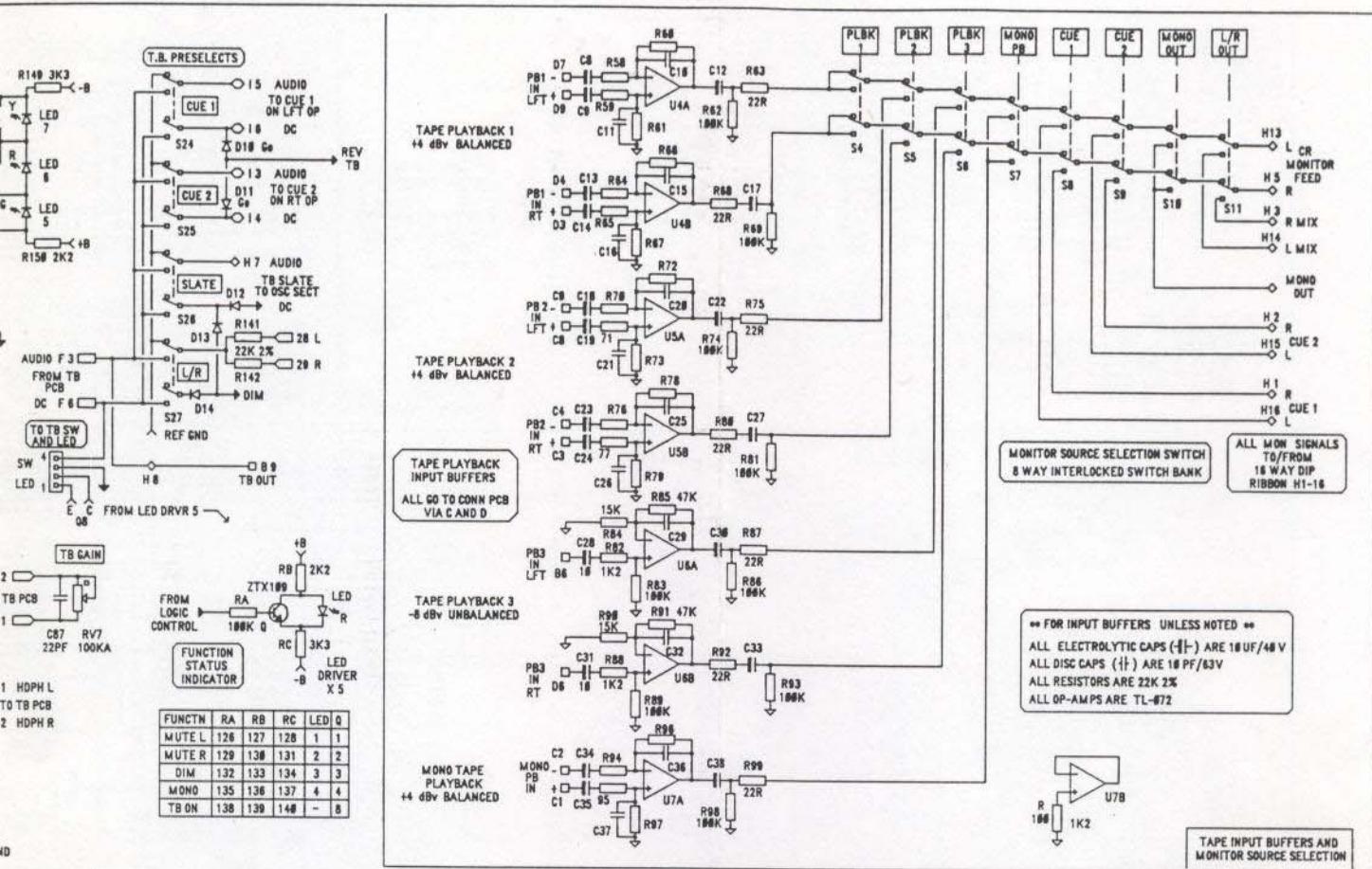
These extra circuits are wired to the aux meter "D" connector.



			S27	
			U28	
			Q 8	
			D 18	
CORRECTIONS	X OCT 86	E	C 87	
JRP	ORIGINAL	18 OCT 86	JRP	R247
DRAWN	REVISION	DATE	CHECKED	LAST USED

ABBREVIATIONS

CR = CONTROL ROOM	PLYBK, PB = PLAYBACK
TB = TALKBACK	PFL = PRE-FADER LISTEN
MON = MONITOR	AFL = AFTER FADER LISTEN
R, RT = RIGHT	OP = OUTPUT
L, LFT = LEFT	
HOPH = HEADPHONE	
L.S. = LOUD SPEAKER	

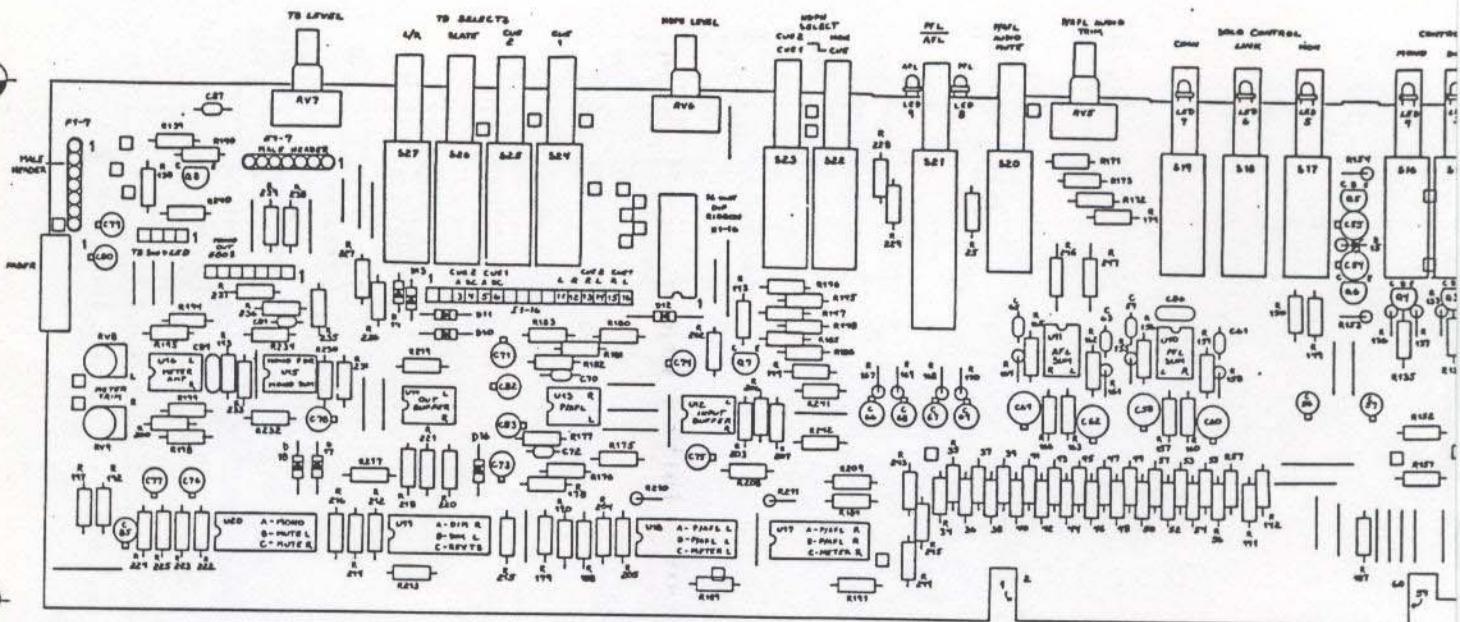


UNIT TITLE  
AHB SIGMA  
DRAWING TITLE  
MONITOR MASTER PCB AGB122 ISS 2 SCHEMATIC

MBD 182

ALLEN & HEATH BRENNELL LTD.  
PROFESSIONAL AUDIO EQUIPMENT  
MANUFACTURERS

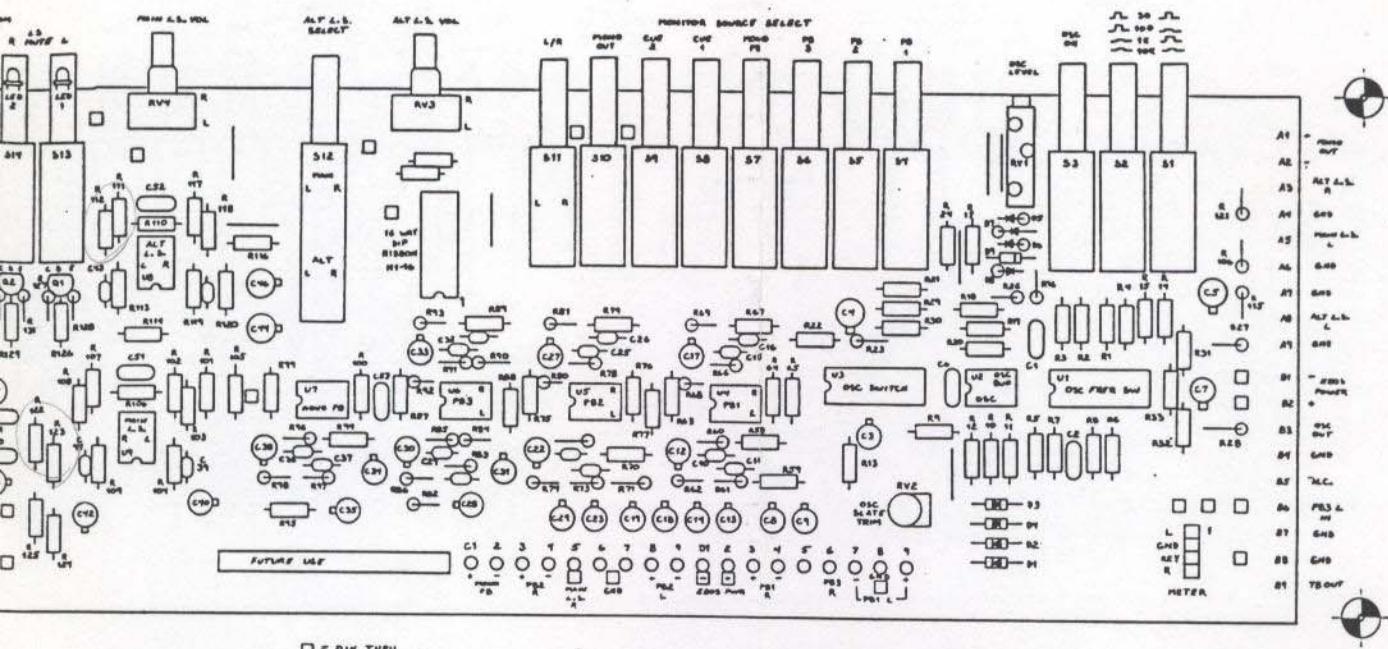
MONITOR MASTER AGO122 iss2.  
Superseded by iss 3 JAN 87.



DRAWN BY JAP 2 OCT 86

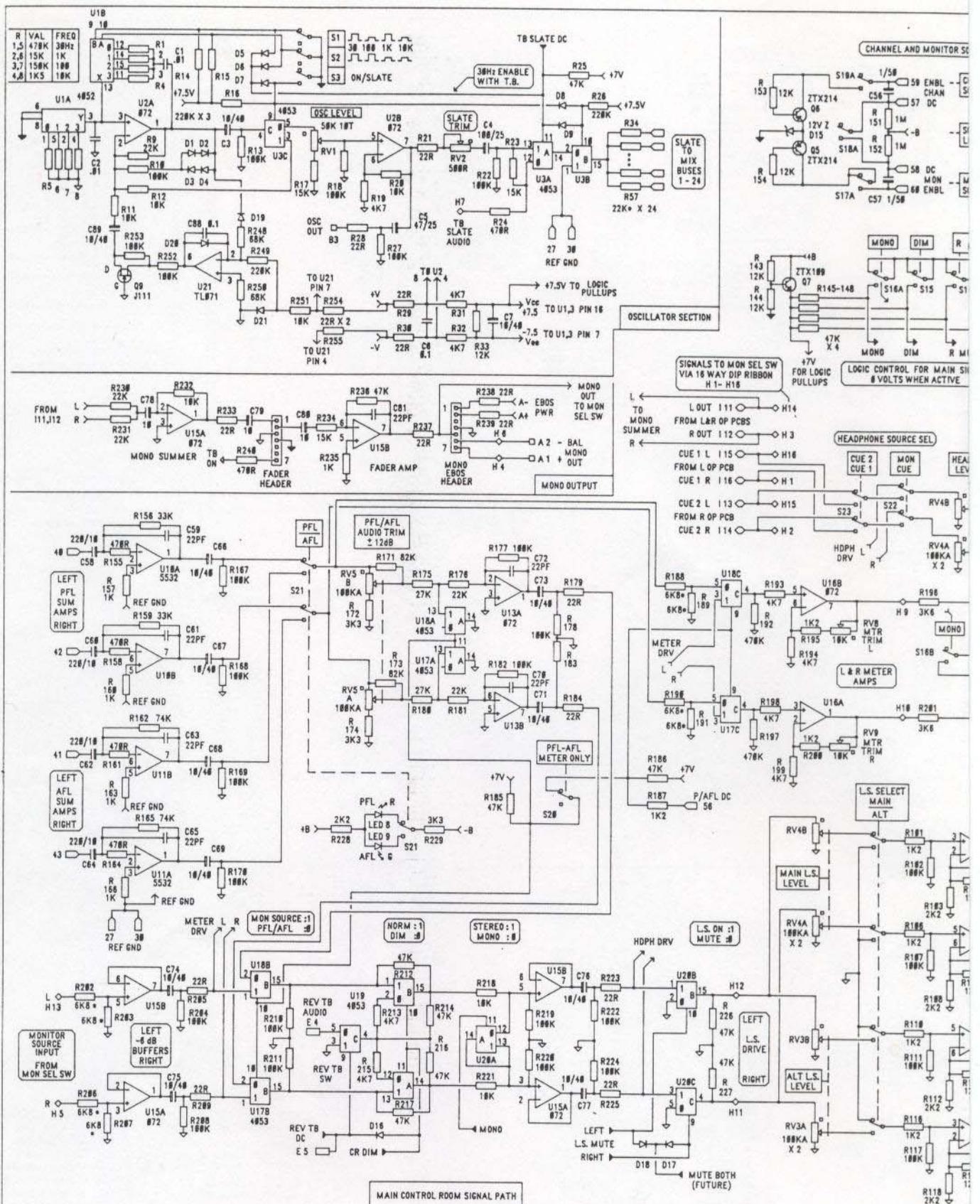
AHB SIGMA MON MASTER PCB AGO122 ISS 2

COMPONENT OVERLAY



M450 iss2 PCB

UNTIL JAN 87. S/N M41009

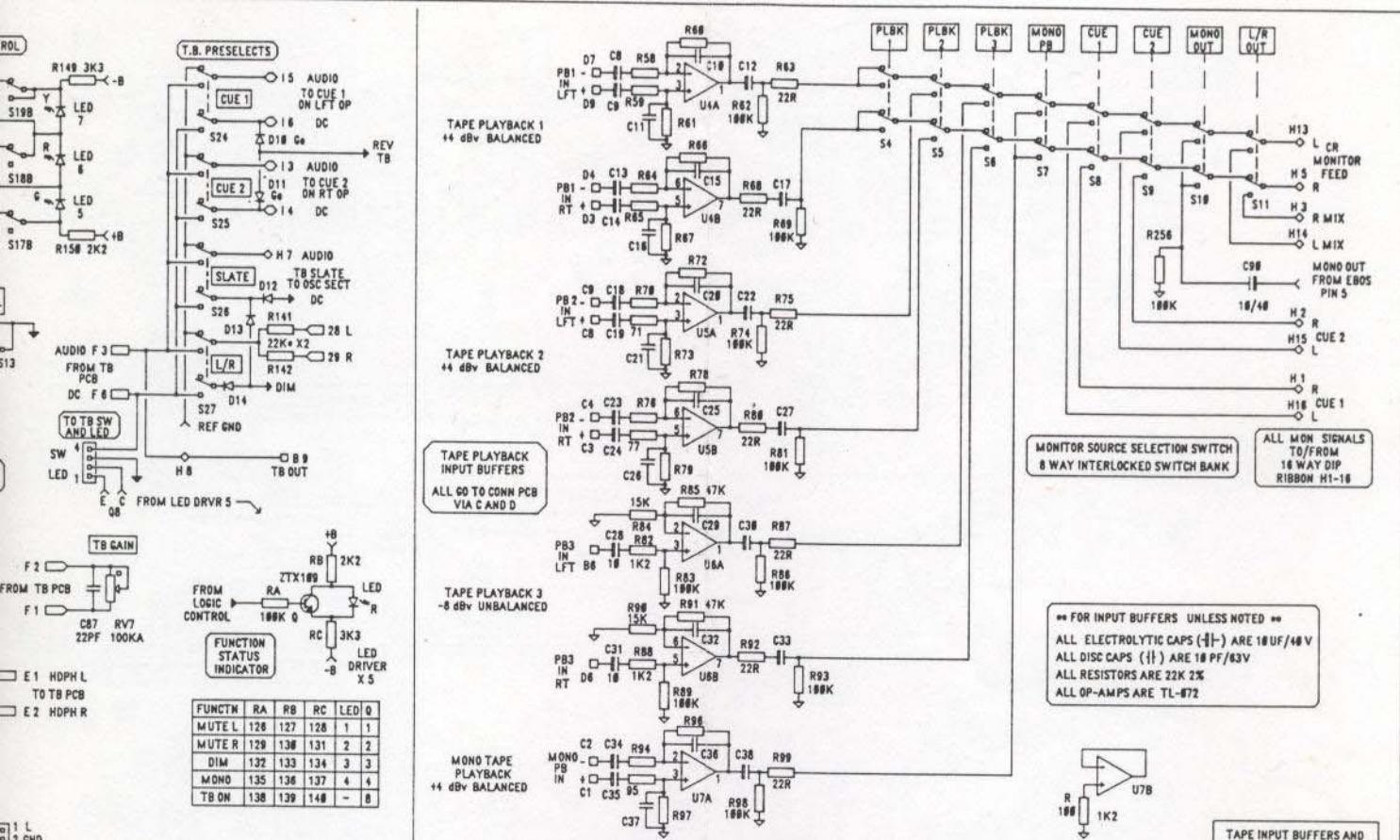


DRAWN	REVISION	DATE	CHECKED	LAST USED
JRP	OSC CIR CHNG ADD PIN#, CONN I/PINOUT	30 NOV 86	JRP	S 27
JRP	ORIGINAL	10 OCT 86	JRP	U 21

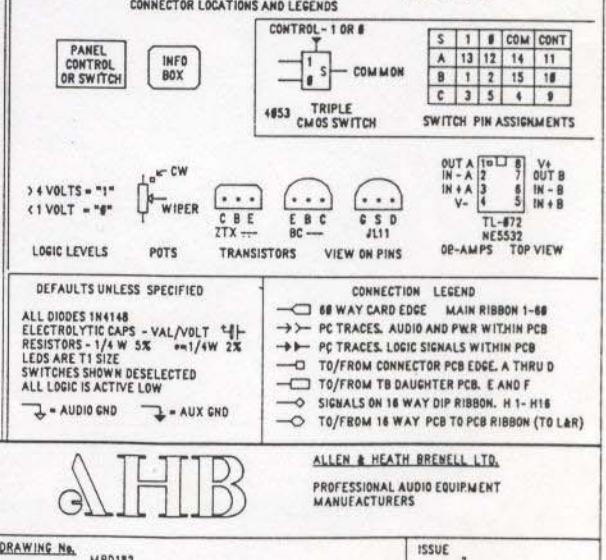
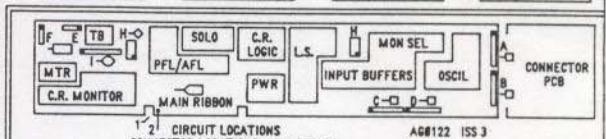
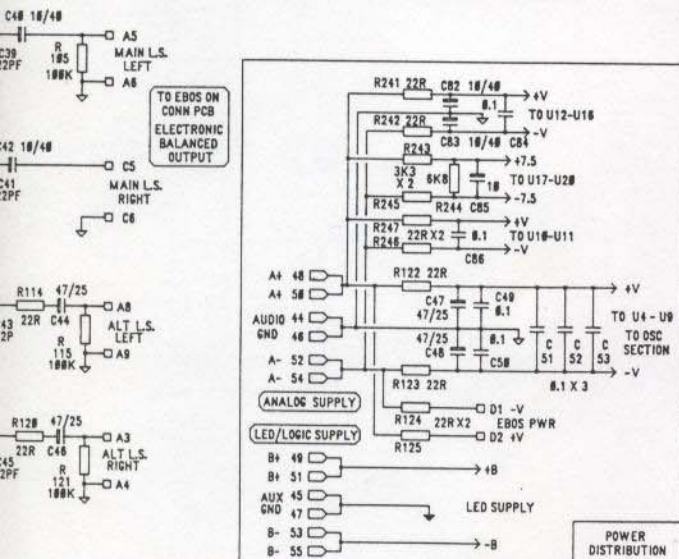
MAIN CONTROL ROOM SIGNAL PATH

ABBREVIATIONS

- CR = CONTROL ROOM
- PFL = PRE-FADER LISTEN
- TB = TALKBACK
- AFL = AFTER FADER LISTEN
- MON = MONITOR
- OP = OUTPUT
- R, RT = RIGHT
- E, LFT = LEFT
- HDPH = HEADPHONE
- EBOS = ELECTRONICALLY BALANCED OUTPUT SYSTEM
- L.S. = LOUD SPEAKER



1 - 16 WAY PCB TO PCB CONN				—○—	H - 16 WAY PCB TO PCB CONN			
PIN	SIGNAL	PIN	SIGNAL		PIN	SIGNAL		
11	N C	19	AUX 1 OUT		H 1	CUE 1 RT		
12	N C	110	AUX 2 OUT		H 2	CUE 2 RT		
13	CUE 2 TB AUD	111	LEFT OUT		H 3	RT MIX		
14	CUE 2 TB DC	112	RIGHT OUT		H 4	MONO OP		
15	CUE 1 TB AUD	113	CUE 2 L OUT		H 5	MON FD R		
16	CUE 1 TB DC	114	CUE 2 R OUT		H 6	MON FD L		
17	N C	115	CUE 1 L DUT		H 7	TB SLT A		
18	AUX 3 OUT	116	CUE 1 R DUT		H 8	TD OUT		



UNIT TITLE

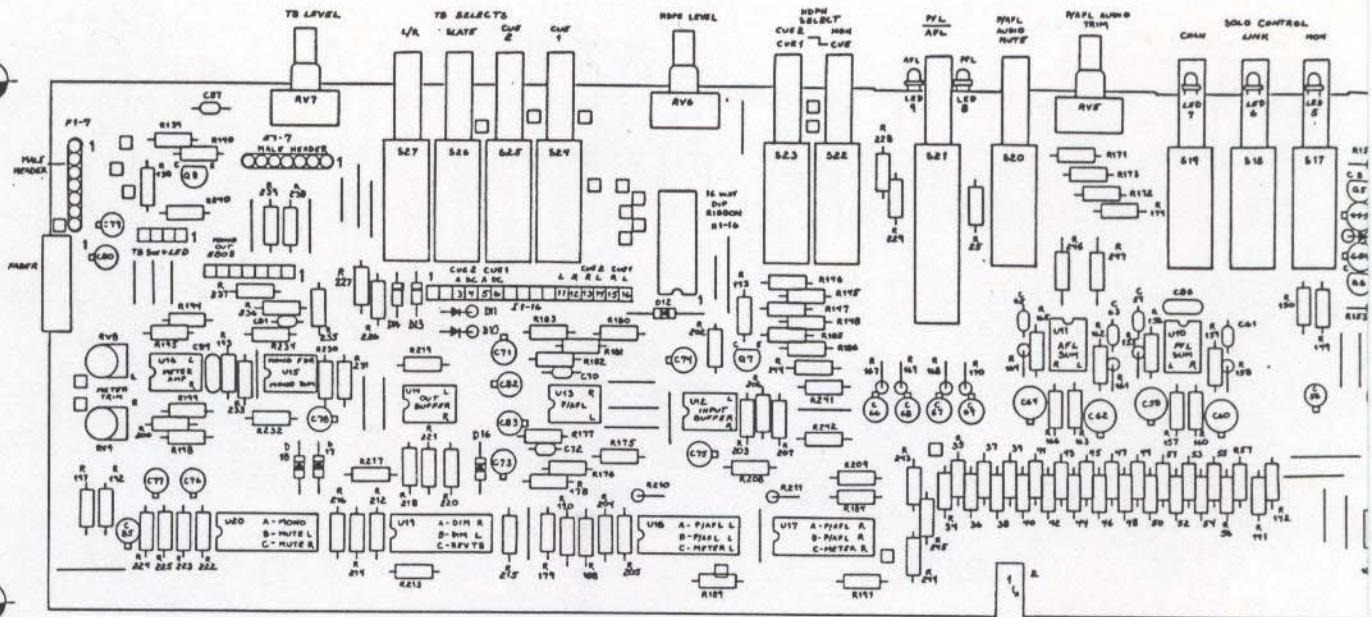
DRAWING TITLE

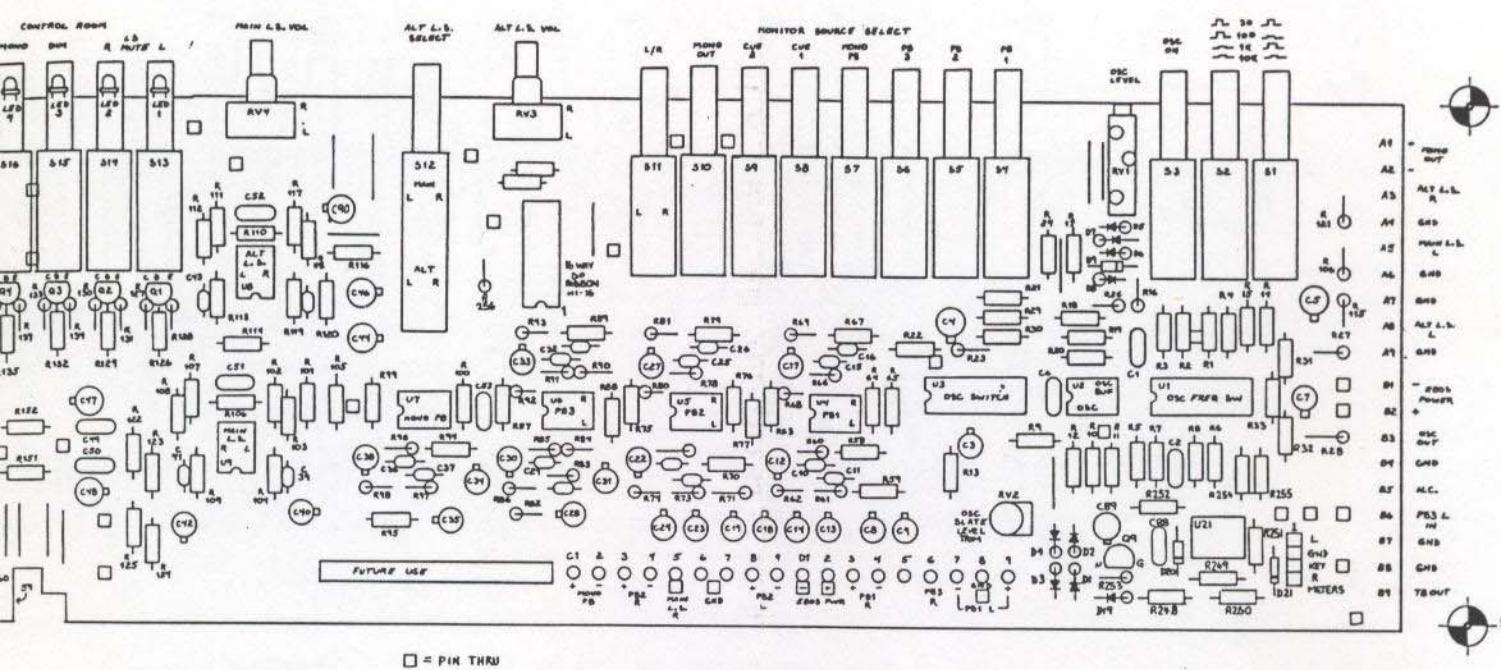
**POWER  
DISTRIBUTION**

DRAWING No.

6

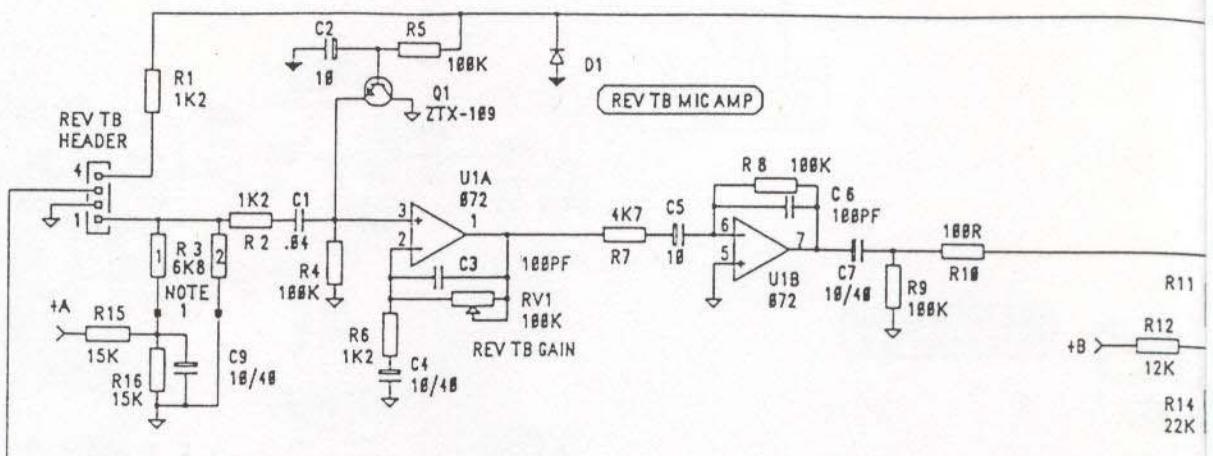
M450 iss 3 AFTER JAN '87  
FROM S/N 0 M41010



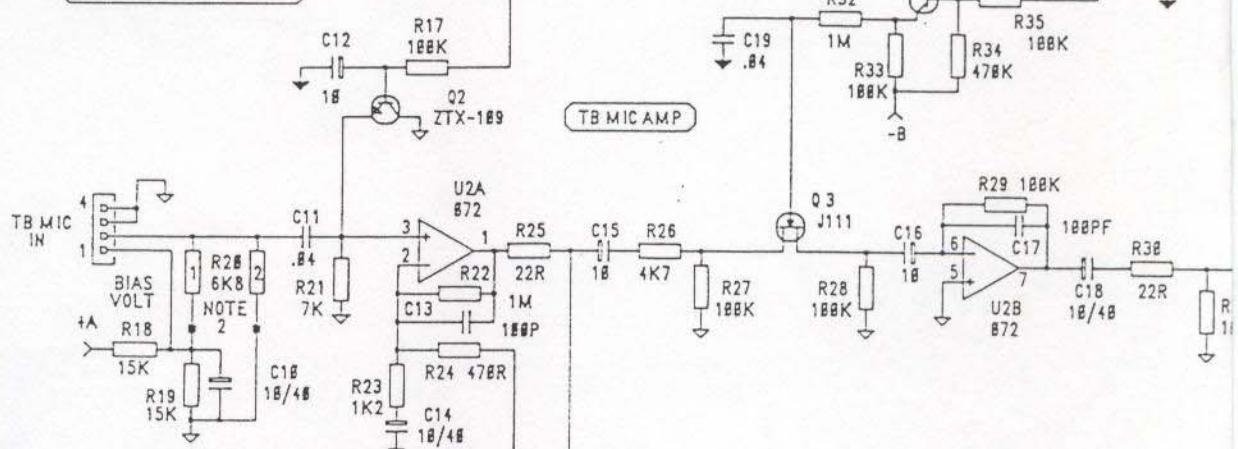


M450 iss3 PCB

From S/N: M41010



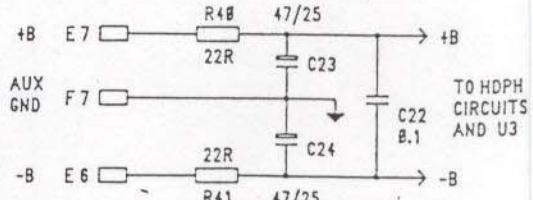
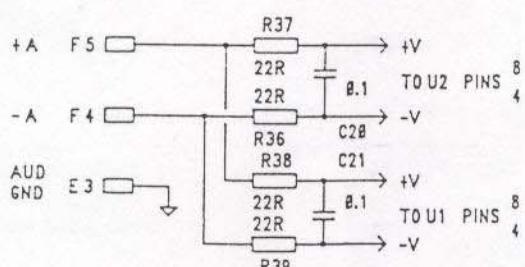
1. FIT R3 TO POSITION 1 TO SUPPLY BIAS TO ELECTRET MICS. R3 FITTED IN POS 2 AS STANDARD



2. R20 SET TO PROVIDE LOAD FOR TB MIC. SEPERATE BIAS LEAD FROM MIC CART CONNECTS TO PIN 1. (EM68)  
FIT R20 TO POSITION 1 FOR SINGLE LEAD ELECTRET MIC BIAS. R20 NORMALLY FITTED IN POSITION 2.

F1 TB GAIN POT  
F2 TB GAIN POT  
22P  
100KA

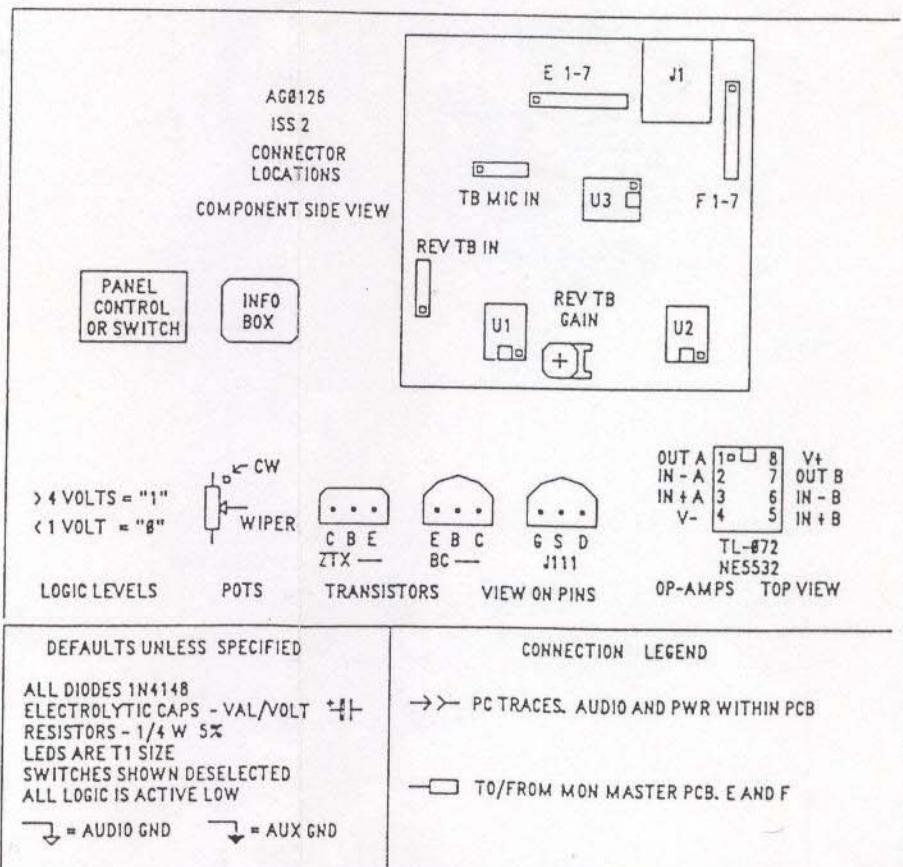
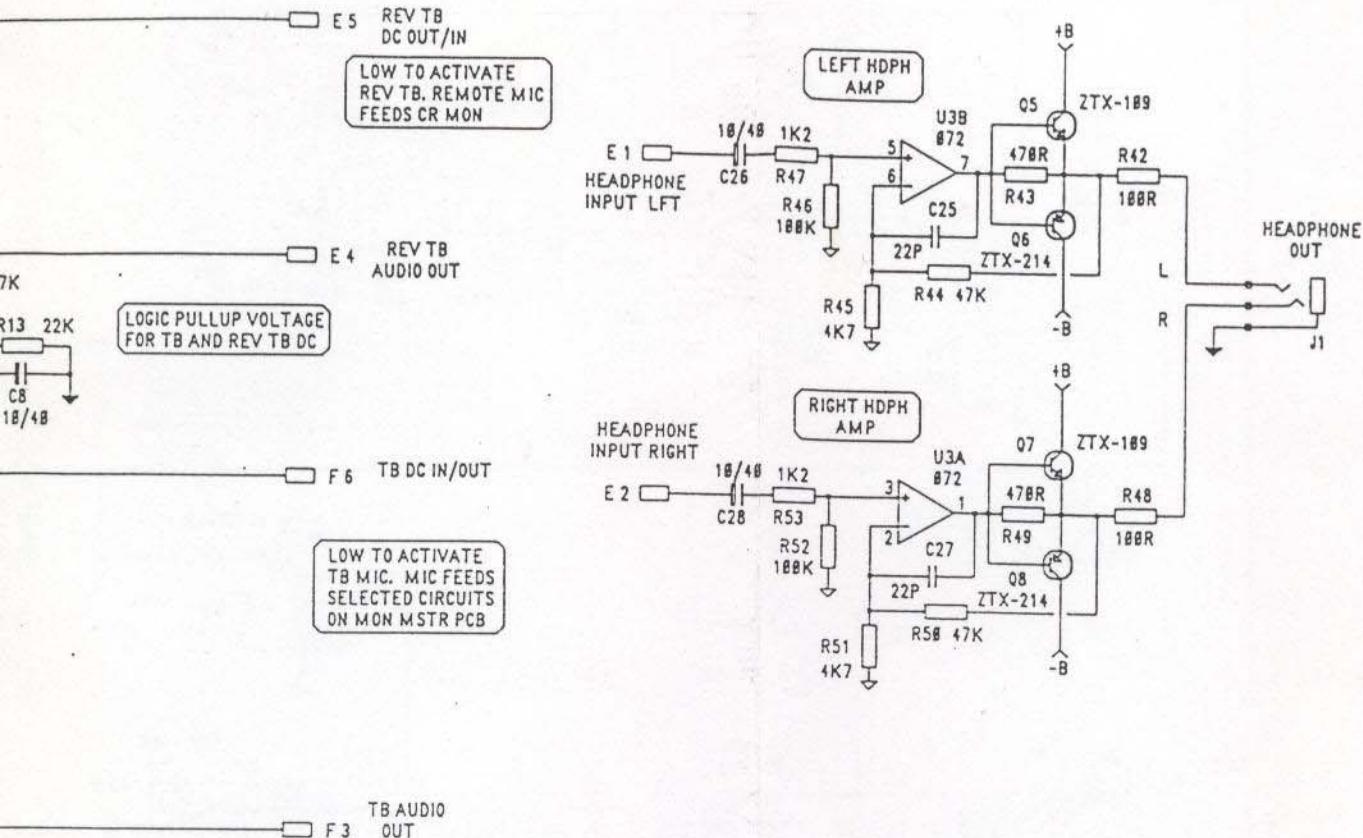
TB GAIN  
(ON MAIN MM PCB)



				U 3
				D 2
JRP	PIN #, R3 POSITION CHANGE	30 NOV 86	JRP	C 28
JRP	ORIGINAL	10 OCT 86	JRP	R 53
DRAWN	REVISION	DATE	CHECKED	LAST USED

ABBREVIATIONS

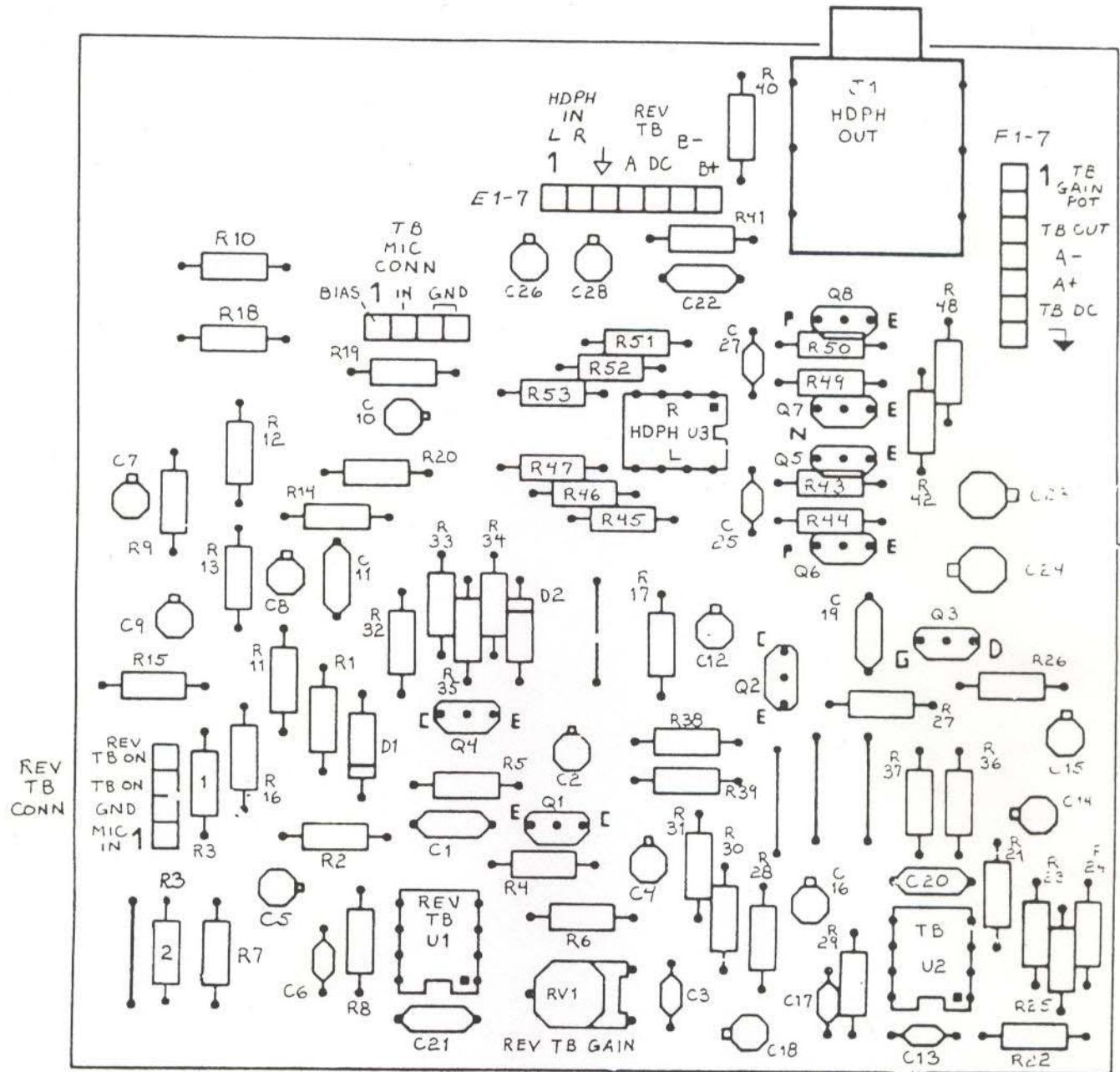
CR	= CONTROL ROOM	PLYBK, PB	= PLAYBACK
TB	= TALKBACK	PFL	= PRE-FADER LISTEN
MON	= MONITOR	AFL	= AFTER FADER LISTEN
R, RT	= RIGHT	OP	= OUTPUT
L, LFT	= LEFT		
HDPH	= HEADPHONE		
L.S.	= LOUD SPEAKER		



UNIT TITLE AHB SIGMA	DRAWING TITLE SCHEMATIC AGB126 DRAWING No. MBD1B3	ALLEN & HEATH BRENNELL LTD. PROFESSIONAL AUDIO EQUIPMENT MANUFACTURERS
DRAWING TITLE SCHEMATIC AGB126 TALKBACK/HEADPHONE PCB ISS 2 • USED WITH MON MASTER PCB •	ISSUE 2	

AHB

TB (M450)

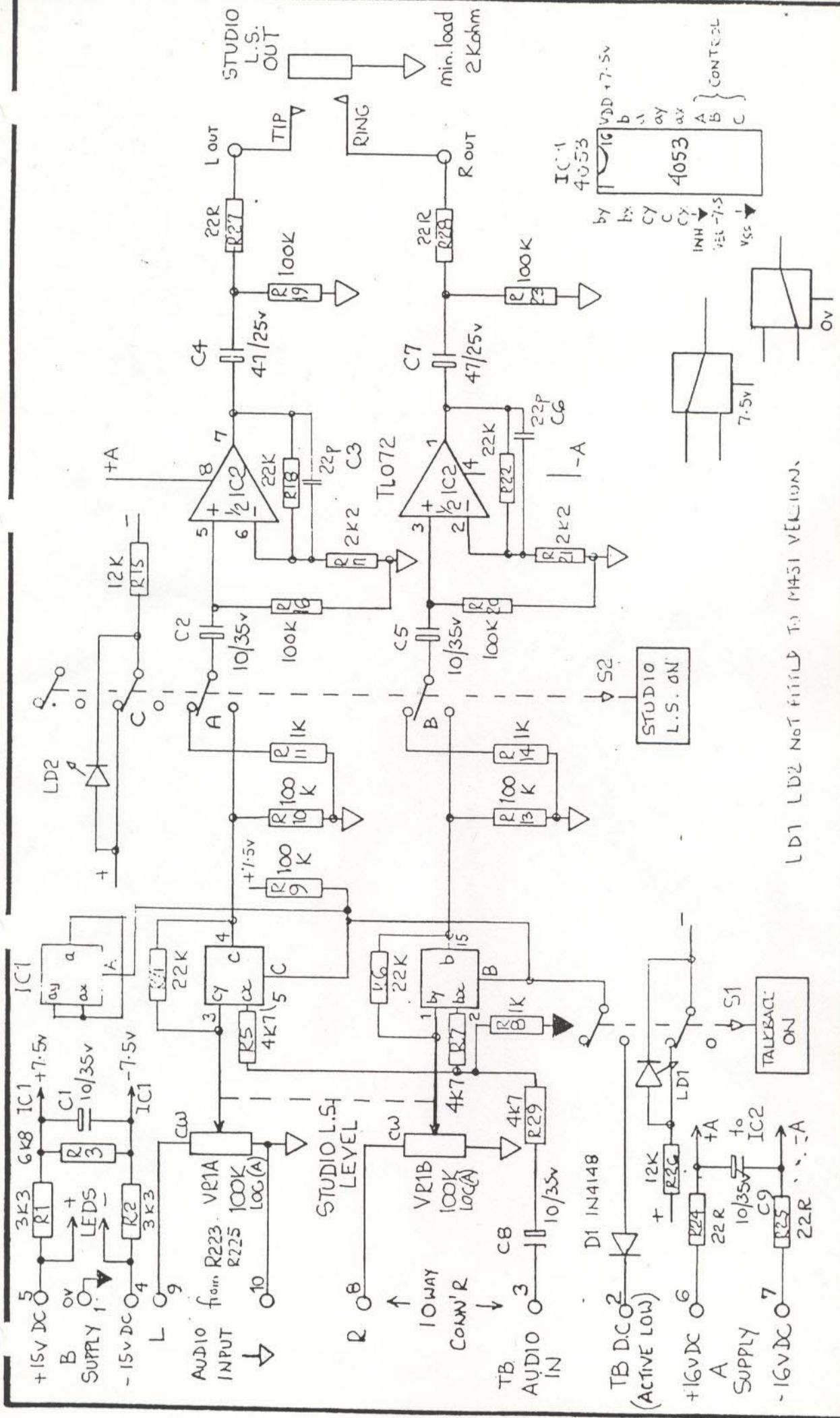


AHB SIGMA TB PCB AGO126 ISS 2

R3: POSITION 1 FOR ELECTRET MICROPHONES WHICH REQUIRE BIAS (+7.5V DC)  
 POSITION 2 FOR DYNAMIC MICROPHONES.

CONSOLES ARE SHIPPED SET WITH POSITION 2.

TB



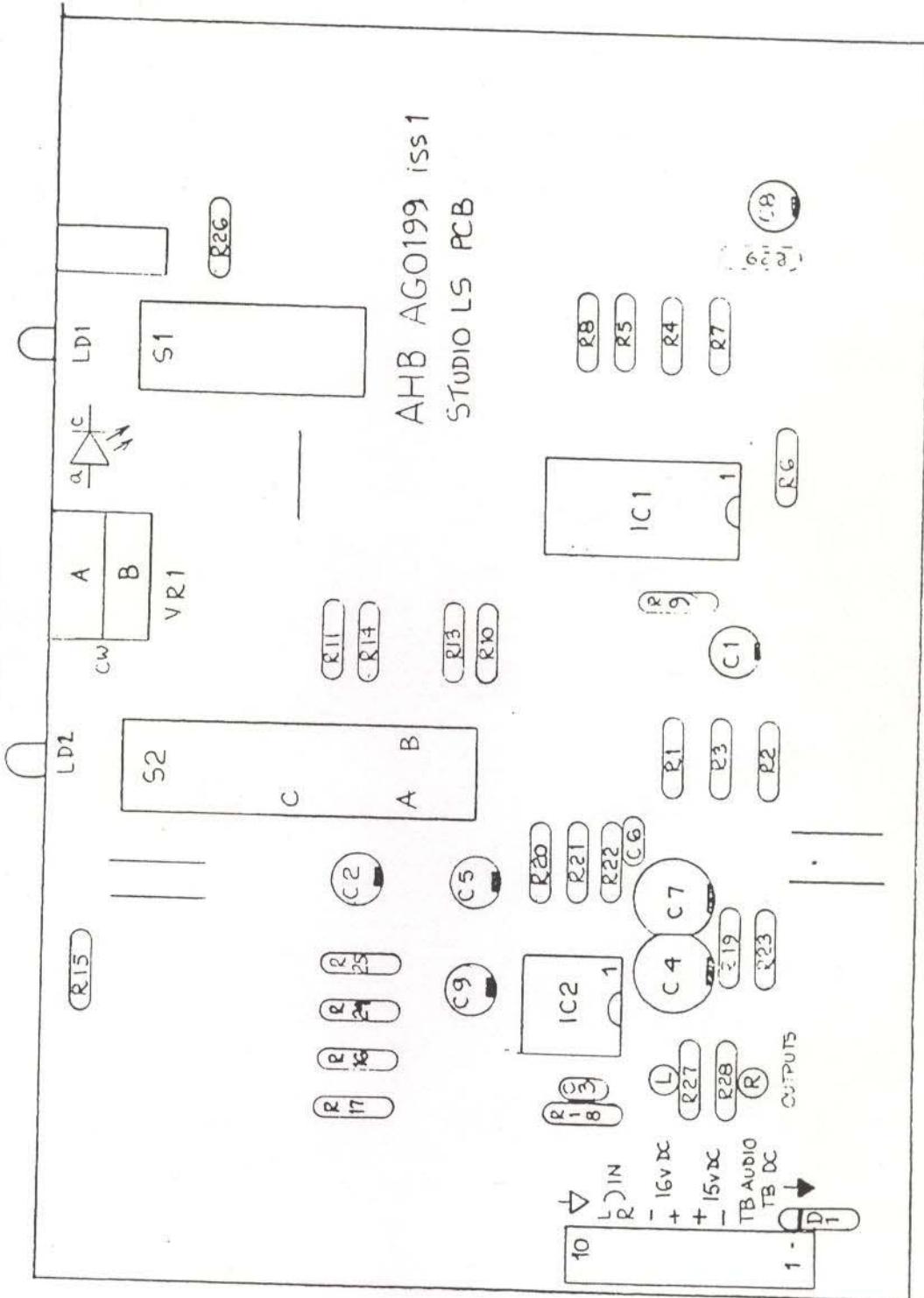
**ALLEN-HEATH BRENNEL LTD**  
PROFESSIONAL AUDIO EQUIPMENT  
SENIOR PARTNERS

HIB  
G

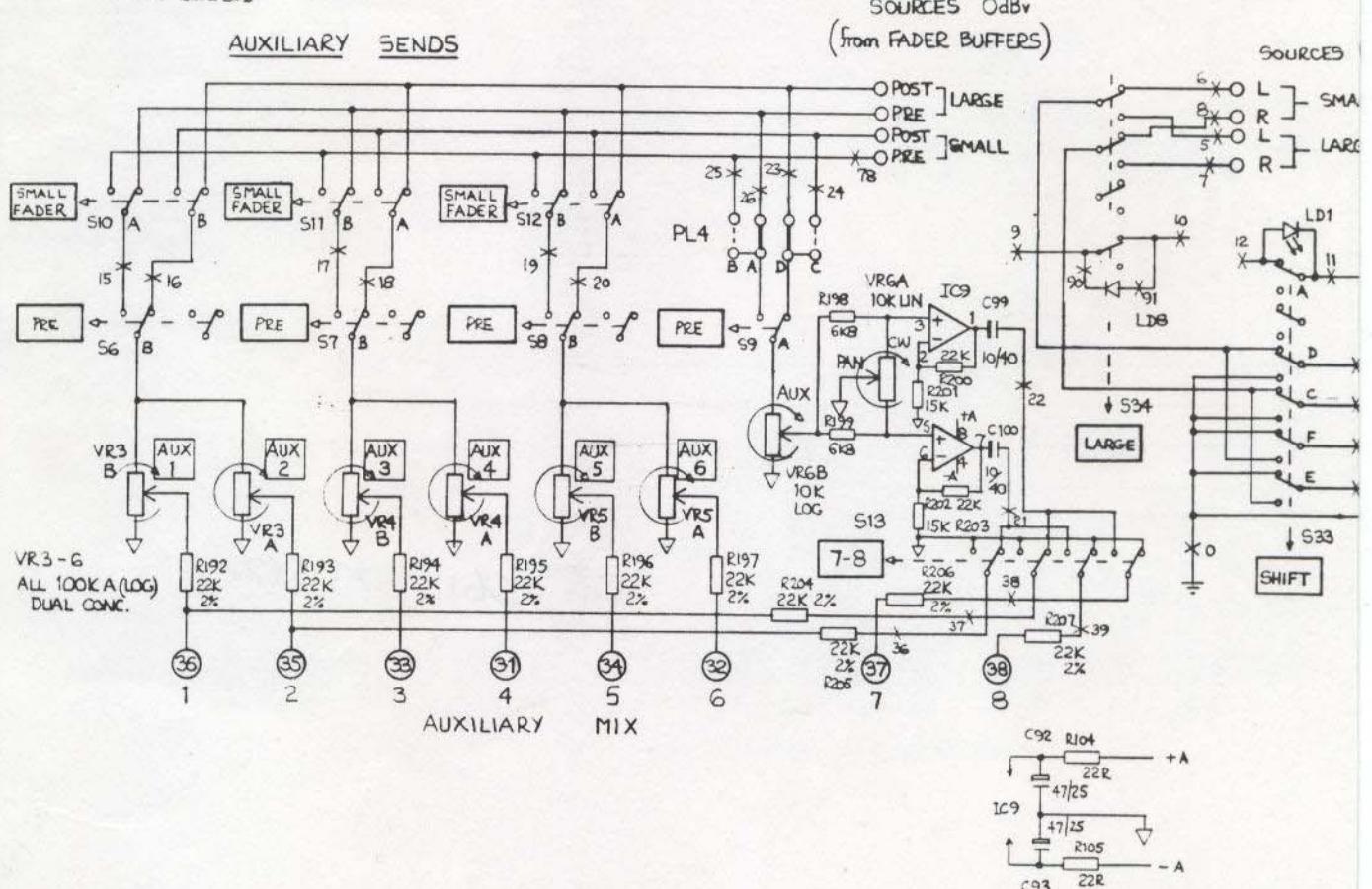
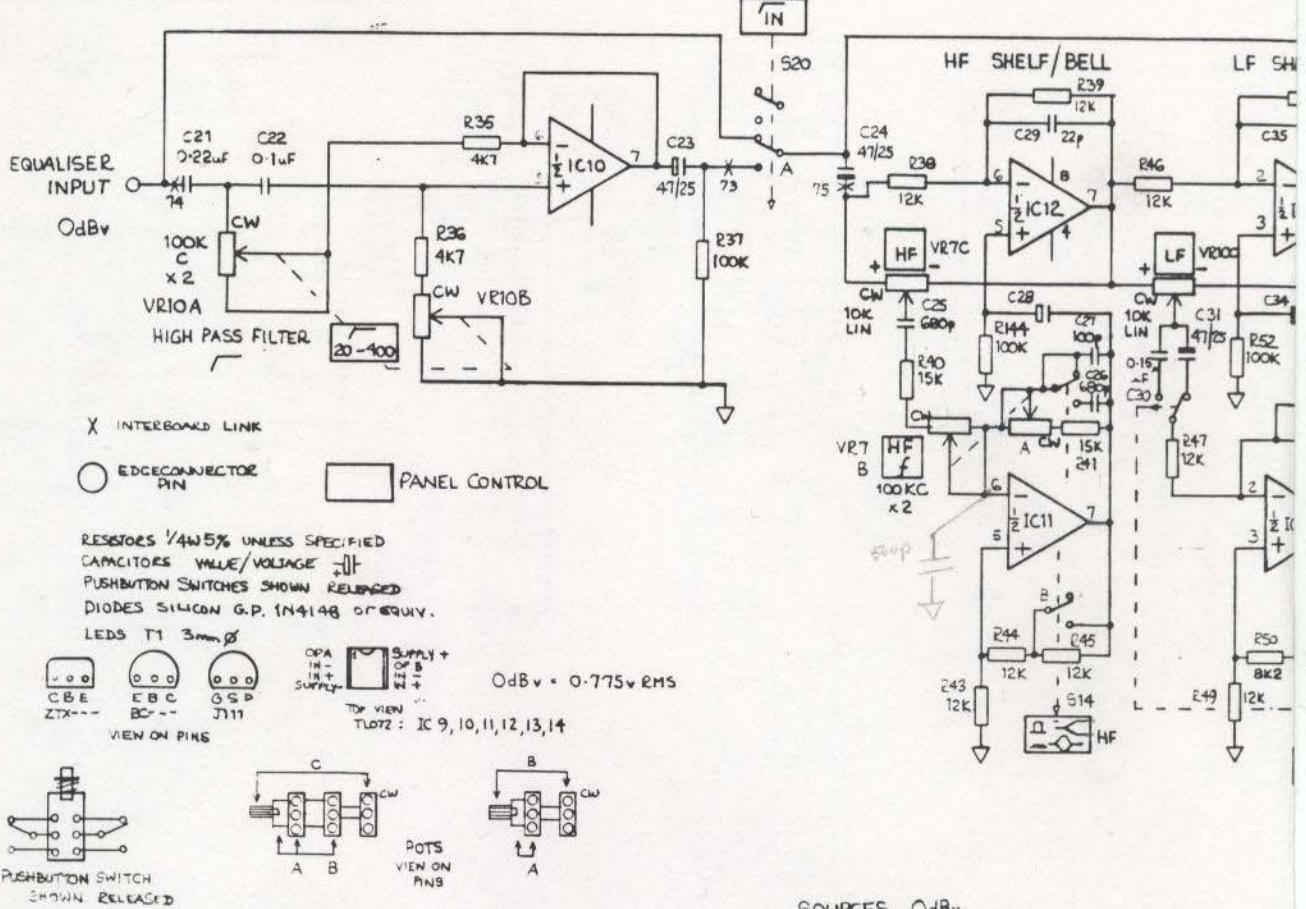
30. 35. 40. 45. 50. 55. 60. 65. 70. 75. 80. 85. 90. 95. 100. 105. 110. 115. 120. 125. 130. 135. 140. 145. 150. 155. 160. 165. 170. 175. 180. 185. 190. 195. 200. 205. 210. 215. 220. 225. 230. 235. 240. 245. 250. 255. 260. 265. 270. 275. 280. 285. 290. 295. 300. 305. 310. 315. 320. 325. 330. 335. 340. 345. 350. 355. 360. 365. 370. 375. 380. 385. 390. 395. 400. 405. 410. 415. 420. 425. 430. 435. 440. 445. 450. 455. 460. 465. 470. 475. 480. 485. 490. 495. 500. 505. 510. 515. 520. 525. 530. 535. 540. 545. 550. 555. 560. 565. 570. 575. 580. 585. 590. 595. 600. 605. 610. 615. 620. 625. 630. 635. 640. 645. 650. 655. 660. 665. 670. 675. 680. 685. 690. 695. 700. 705. 710. 715. 720. 725. 730. 735. 740. 745. 750. 755. 760. 765. 770. 775. 780. 785. 790. 795. 800. 805. 810. 815. 820. 825. 830. 835. 840. 845. 850. 855. 860. 865. 870. 875. 880. 885. 890. 895. 900. 905. 910. 915. 920. 925. 930. 935. 940. 945. 950. 955. 960. 965. 970. 975. 980. 985. 990. 995. 1000.

M451 MODULE  
LD 1, 2 NOT FITTED

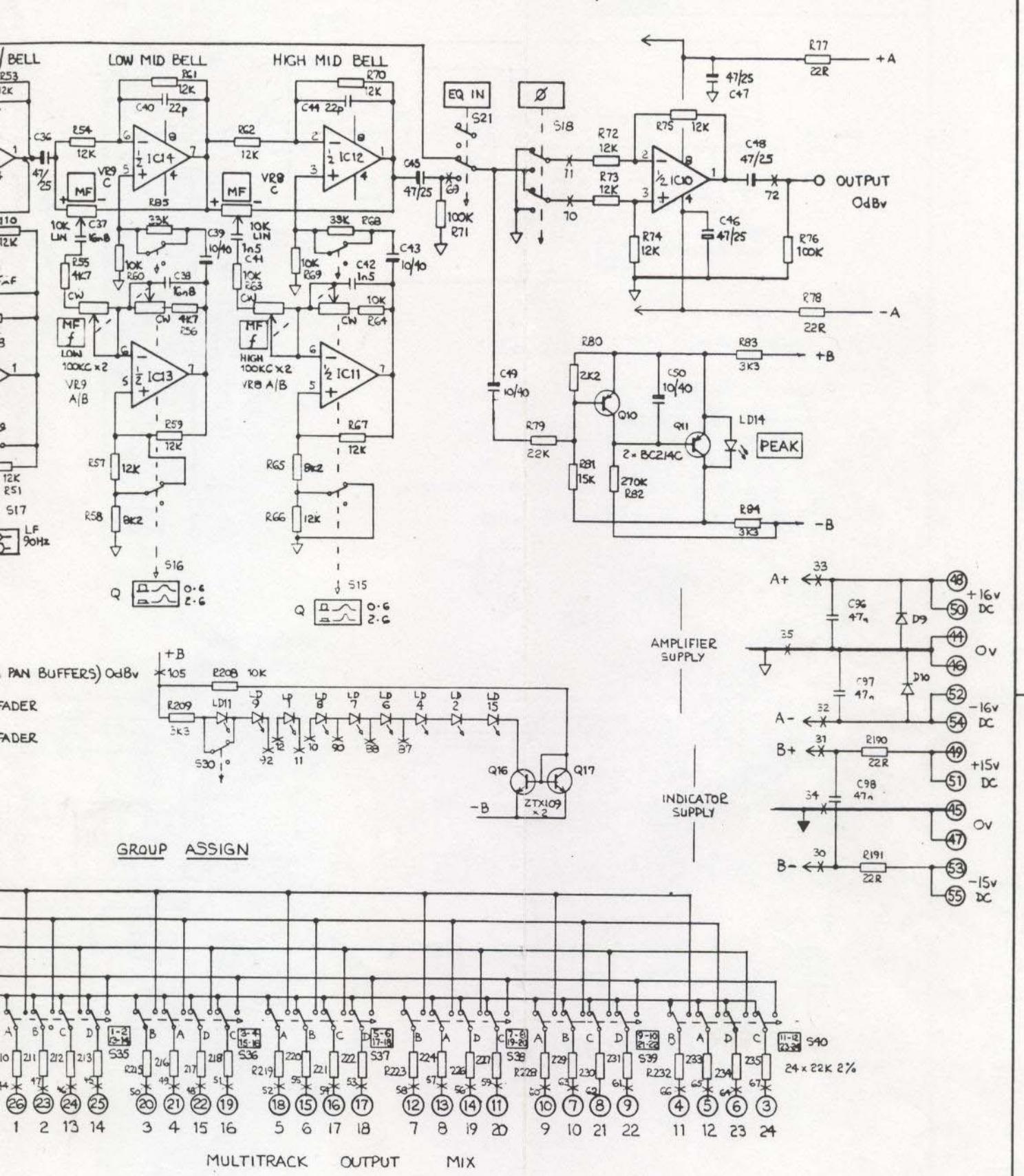
L D 1, 2 NOT FITTED



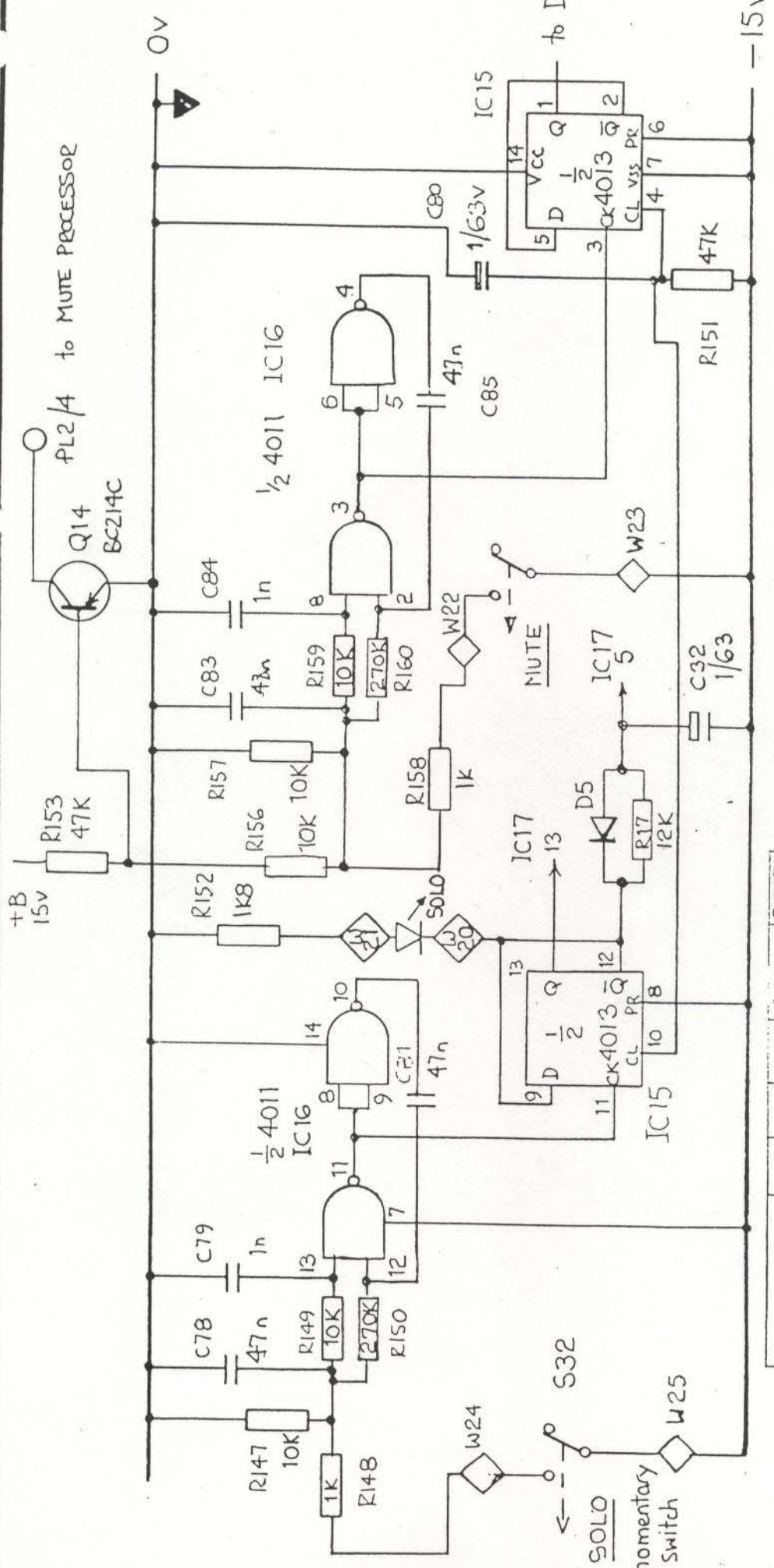




|       |   |         | STANDARD NOTES   | MATERIAL | TOLERANCES   |
|-------|---|---------|--|----------|--|
|       |   |         | ALL DIMENSIONS IN mm<br>DO NOT SCALE DRAWING<br>THIRD ANGLE PROJECTION<br>REMOVE ALL BURRS & SHARP EDGES |          | GENERAL ±0,25 mm<br>HOLE CENTRES ±0,15 mm<br>HOLE SIZES ±0,10 mm |
| F1    | BY HESSIAN EARTHWORKS LTD ADDED FIG 853 | OCT 87  | TO   |          |  |
| P     | PRODUCTION                              | JULY 87 | TO   |          |  |
| DRAWN | REVISION                                | DATE    | CHECKED  | SCALE    | UNLESS STATED OTHERWISE  |



| ISH | NOTES<br>APPLIES TO PCB TYPES<br>AG0184 iss 3<br>AG0185 iss 3 | UNIT TITLE<br>AHB SIGMA SERIES<br>DRAWING TITLE<br>M470 CCT. PART 2 of 3 | AHB ALLEN & HEATH BRENTON LTD.<br>PROFESSIONAL AUDIO EQUIPMENT<br>MANUFACTURERS   |                            |
|-----|---|--|---|----------------------------|
|     |   |  | DESIGN DEPT: 66 SHIP STREET, BRISTOL BS1 5AE<br>FACTORY: KERNICK INDUSTRIAL EST, PENHYN, CORNWALL, TR10 3QE<br>TELEPHONE: 0272 24928<br>TELEGRAPH: 603261 72076 | DRAWING NO. MBD188 ISSUE 4 |



| MUTE     | LATCH | CK   | Q   | $\bar{Q}$ | MUTE LED | Q17 | Audio |
|----------|-------|------|-----|-----------|----------|-----|-------|
| Power Up | Low   | High | Off | On        | On       | On  | On    |
| NOT Solo | High  | Low  | On  | Off       | Off      | Off | Off   |
| Solo     | High  | Low  | Off | On        | On       | On  | On    |

MUTE LATCH NOT USED OR M470 + MUTE LED ON. MUTE LED ON. MUTE LATCH USED IN M470 + MUTE LED ON. MUTE LED ON.

MUTE LATCH NOT USED OR M470 + MUTE LED ON. MUTE LED ON. MUTE LATCH USED IN M470 + MUTE LED ON. MUTE LED ON.

| Solo Latch | CK   | Q    | $\bar{Q}$ | IC17<br>SOLO LED<br>Pins 1/2 |
|------------|------|------|-----------|------------------------------|
| Power Up   | Low  | High | Off       | On/Off                       |
| Not Solo   | High | Low  | On        | On/Off                       |
| Solo       | High | Low  | Off       | On/Off                       |

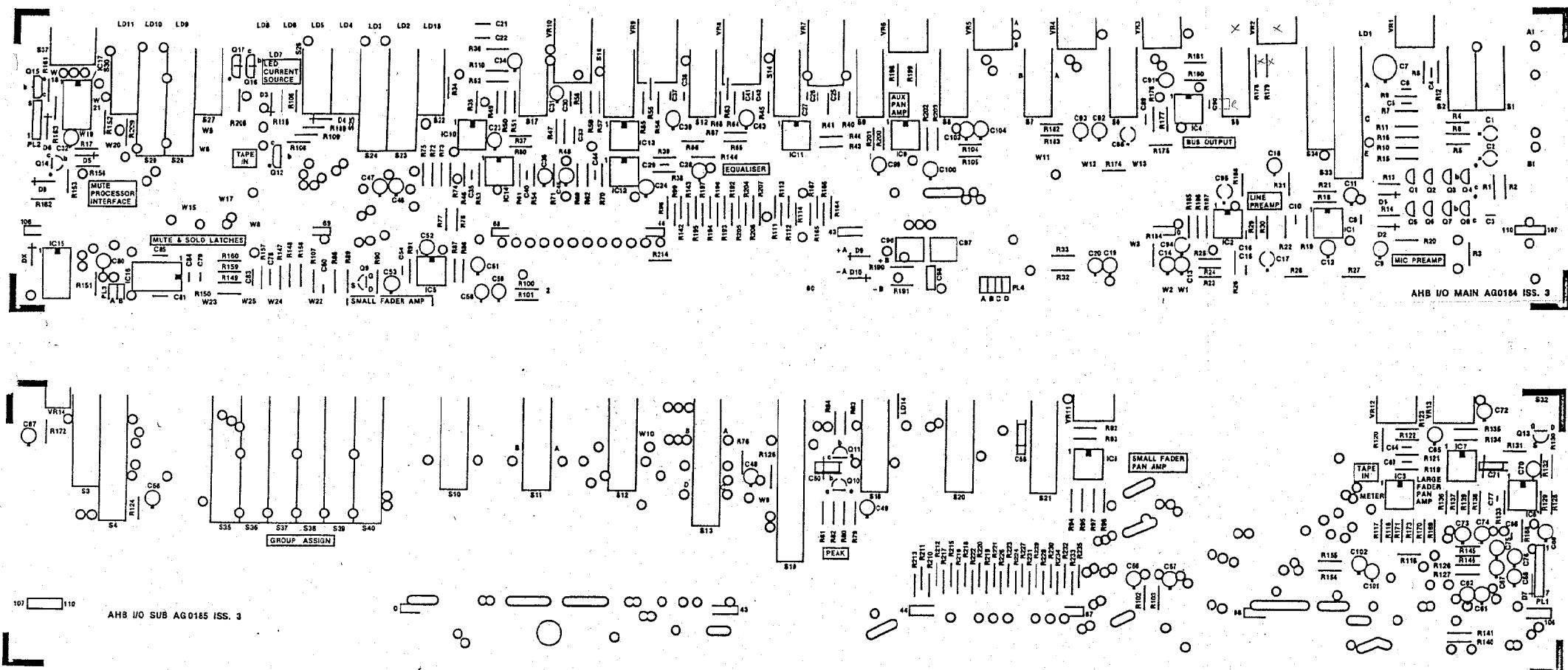
ALLEN & HEATH LTD  
PROFESSIONAL AUDIO EQUIPMENT

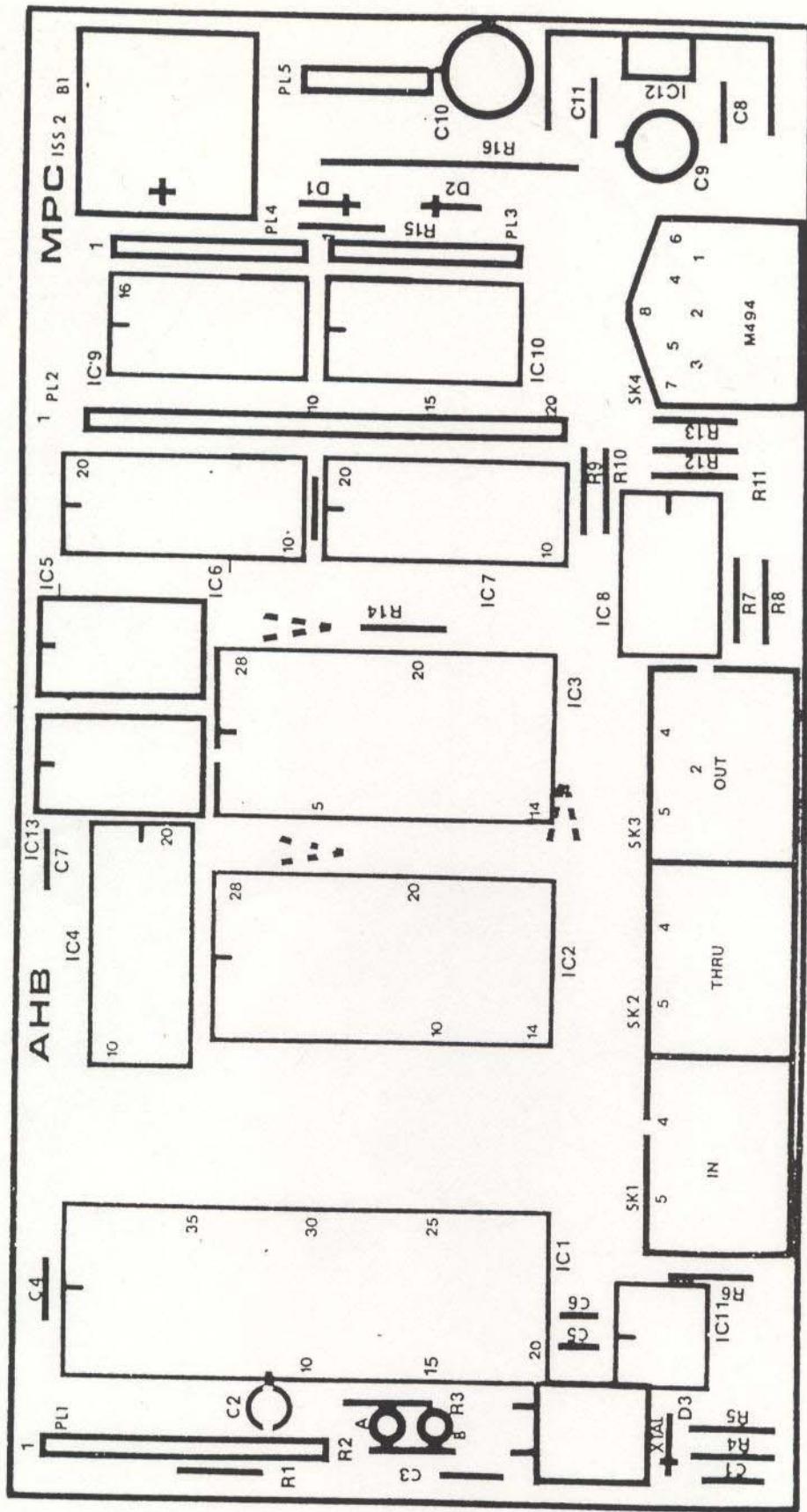
AHB  
DRAWING NO. MBD189 Issue 3

FACTORY: 16 MARK INDUSTRIAL EST. PENDLETON, LANCASHIRE, BB12 2AS  
TELEPHONE: 0726 707070

AHB SIGMA I/O M470 LATCH P/N of AG0184.

DRG. NO. M470 SHEET 3 of 3 iss4





AHB

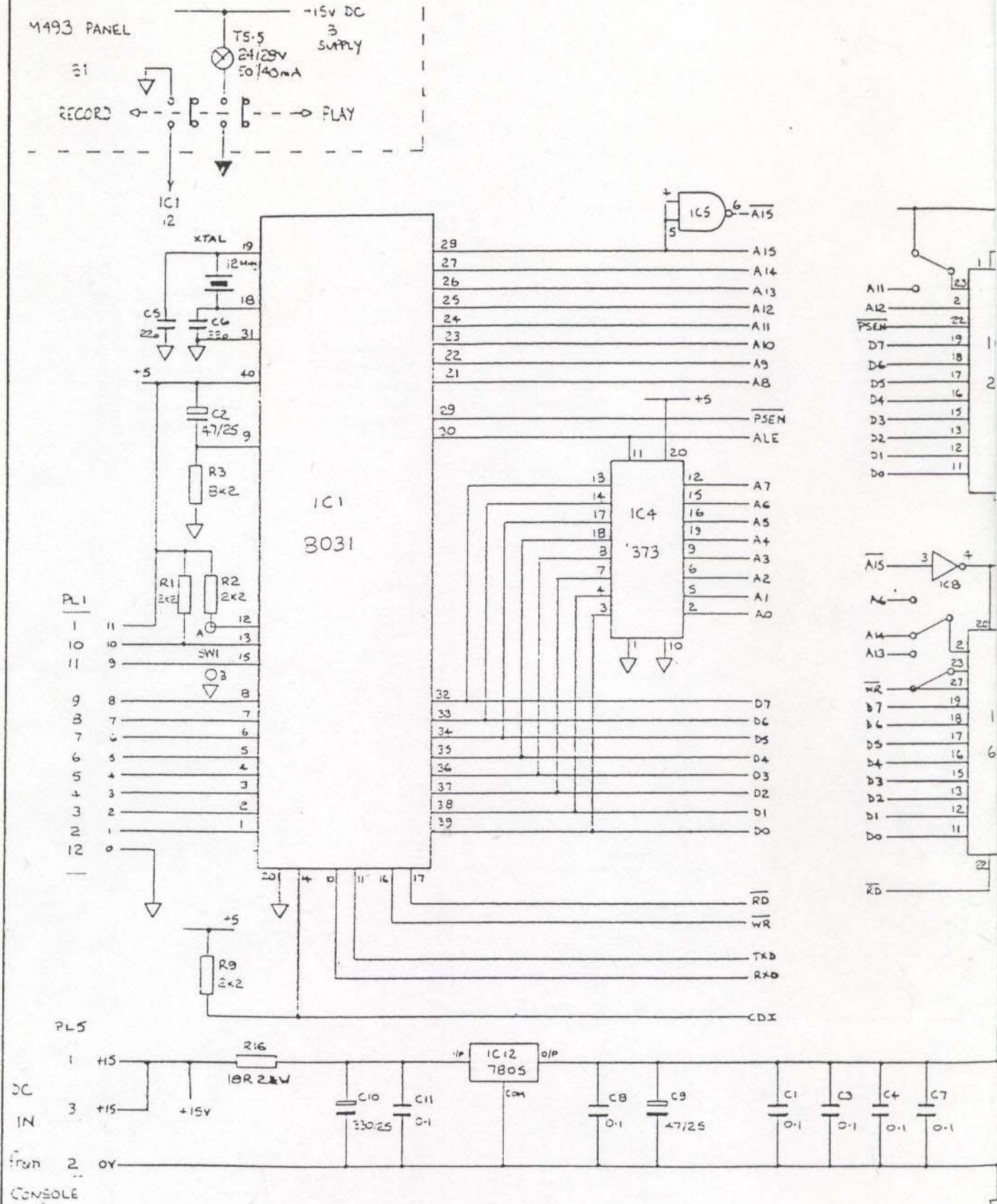
ALLEN & HEATH BRENNELL LTD.  
PROFESSIONAL AUDIO EQUIPMENT  
MANUFACTURERS

'DESIGN DEPT' 69, SHIP STREET, BRIGHTON BN1 1AE Tel (0273) 24928  
'FACTORY' KERNICK INDUSTRIAL EST, PENRYN, CORNWALL Tel (0326) 72070

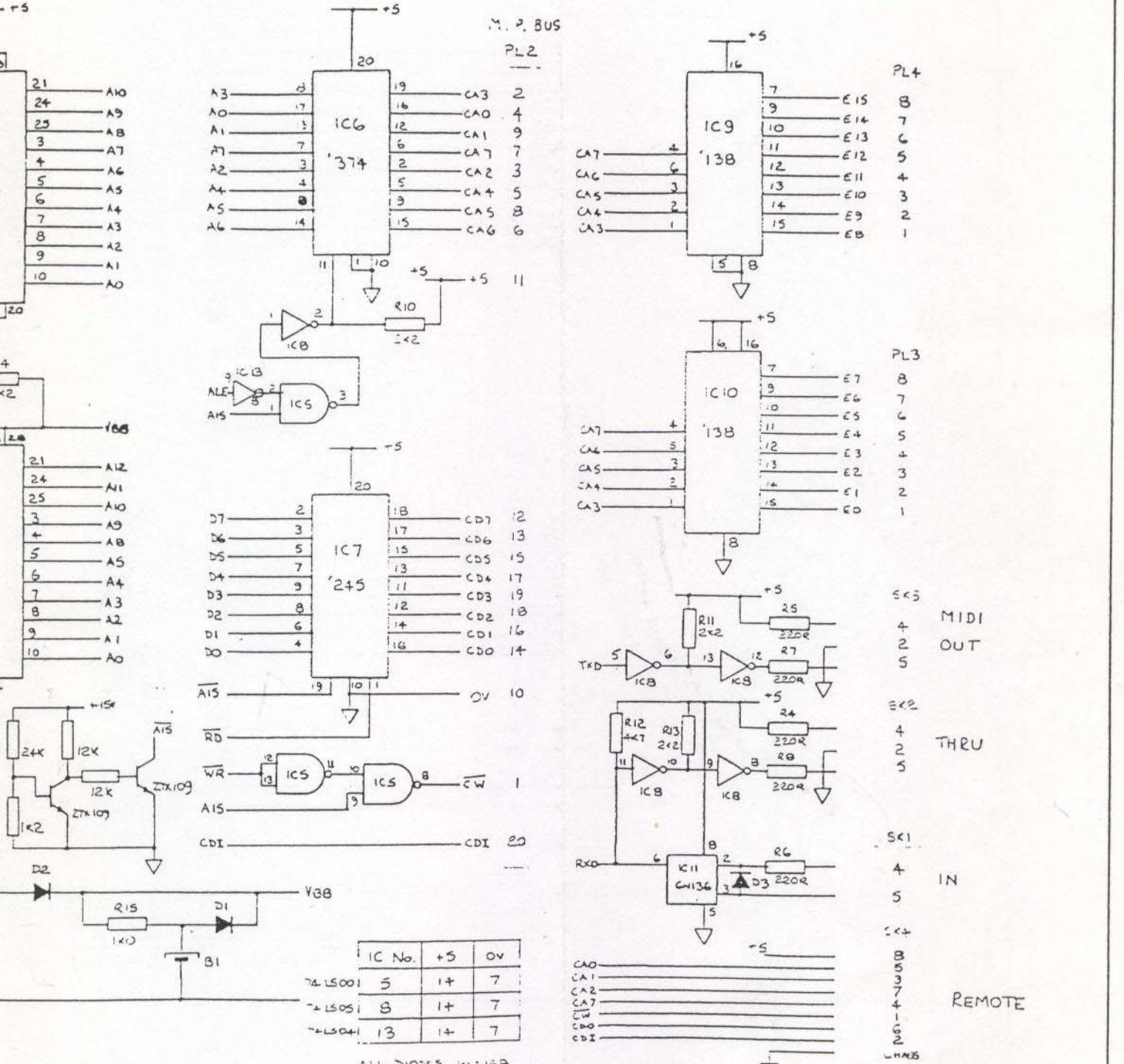
DRAWING No.

### Issue

# MUTE PROCESSOR COMPUTER PCB ASSEMBLY



|   |  | STANDARD NOTES   | MATERIAL | TOLERANCES   |
|---|--|--|----------|--|
|   |  | ALL DIMENSIONS IN mm<br>DO NOT SCALE DRAWING<br>THIRD ANGLE PROJECTION<br>REMOVE ALL BURRS & SHARP EDGES |          | GENERAL ±0.25 mm<br>HOLE CENTRES ±0.15 mm<br>HOLE SIZES ±0.10 mm |
| M.R. WRITE FRONTET (LT A4200)<br>1.27 mm                                      |  |  |          |  |
| DRAWN BY: REVISION: DATE: DRAWN BY: REVISION: DATE: DRAWN BY: REVISION: DATE: |  | SCALE  |          | UNLESS STATED OTHERWISE  |
|   |  |  |          |  |



|      |                             |  |   |
|------|-----------------------------|--|---|
| NISH | NOTES<br>PCB AHB MPC AG018G | UNIT TITLE<br>AHB MUTE PROCESSOR         | ALLEN & HEATH BRENNELL LTD<br>PROFESSIONAL AUDIO EQUIPMENT<br>MANUFACTURERS<br>DEPT 50, 16 SHIP STREET, BRONKHORST MEADE<br>FACTORY SERVICE INDUSTRIAL EST., MORTDALE, CORNWALL PL12 7RS<br>DRAWING NO. MBD 190 |
|      |                             | DRAWING TITLE<br>A-B MUTE PROCESSOR CARD |   |
|      |                             | ISSUE 2                                  |   |

LSS!

BIOLOGY

LEMONITE RE

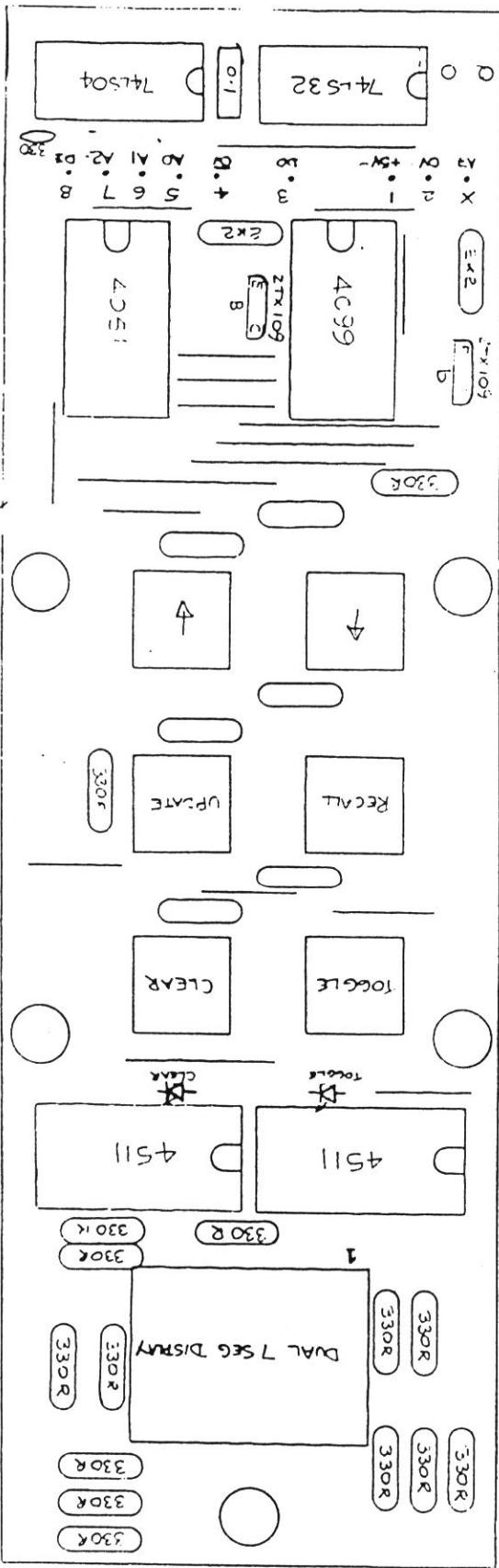
MUTE PROCESSOR

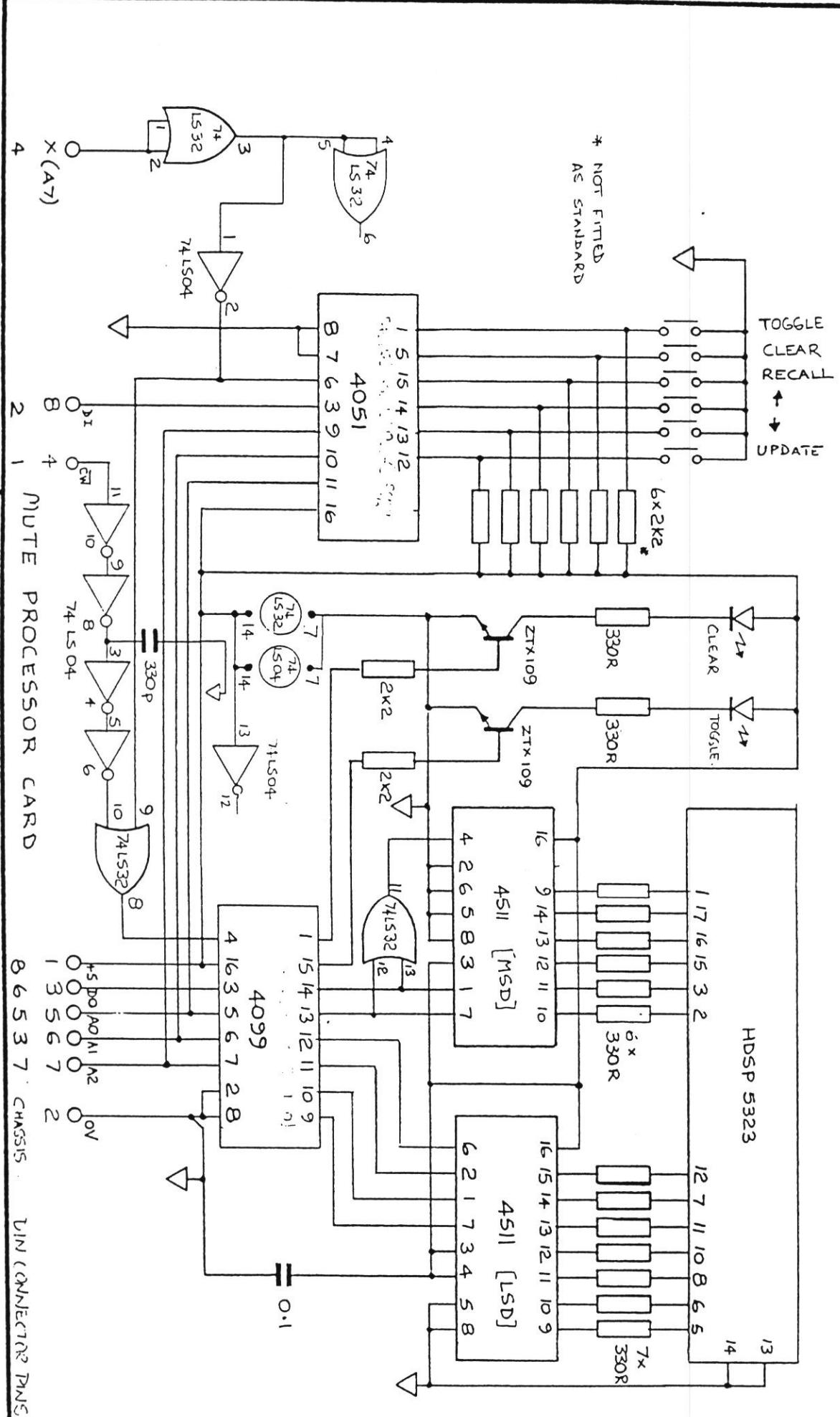
ALLEN & HEATH BRENNELL LTD

**ALLEN & HEATH LTD**

**DESIGN DEPT.** 69, SHAF STREET, BRIGHTON BN1 4AE  
**FACTORY** KERNICK INDUSTRIAL EST., PENWYN, CORNWALL TR18 7QH  
TEL 0777 20928 FAX 0776 720700

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**AHB**  
ALLEN & HEATH BRENNELLI LTD.  
PROFESSIONAL AUDIO EQUIPMENT  
MANUFACTURERS

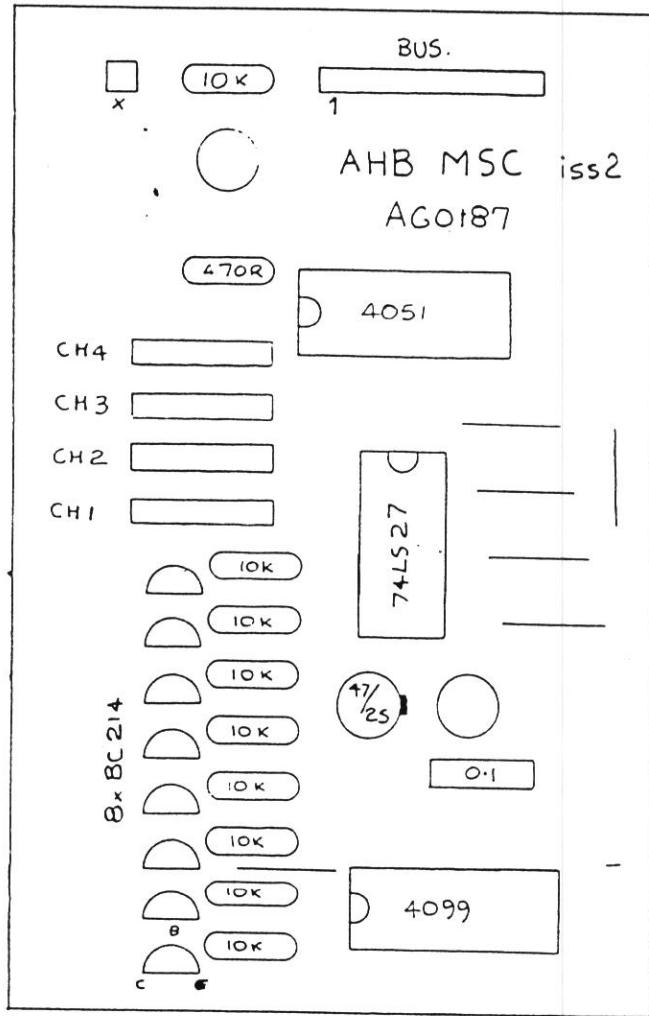
DE SOTO DE PTY LTD., 10, SIME STREET, BRUNSWICK VIC 3055  
FACTORY: KERNOX INDUSTRIAL EST., PEMBROKE, CORNWALL, TQ1 2JZ, ENGLAND

DRAWING NO. A 163 | ISSUE 1

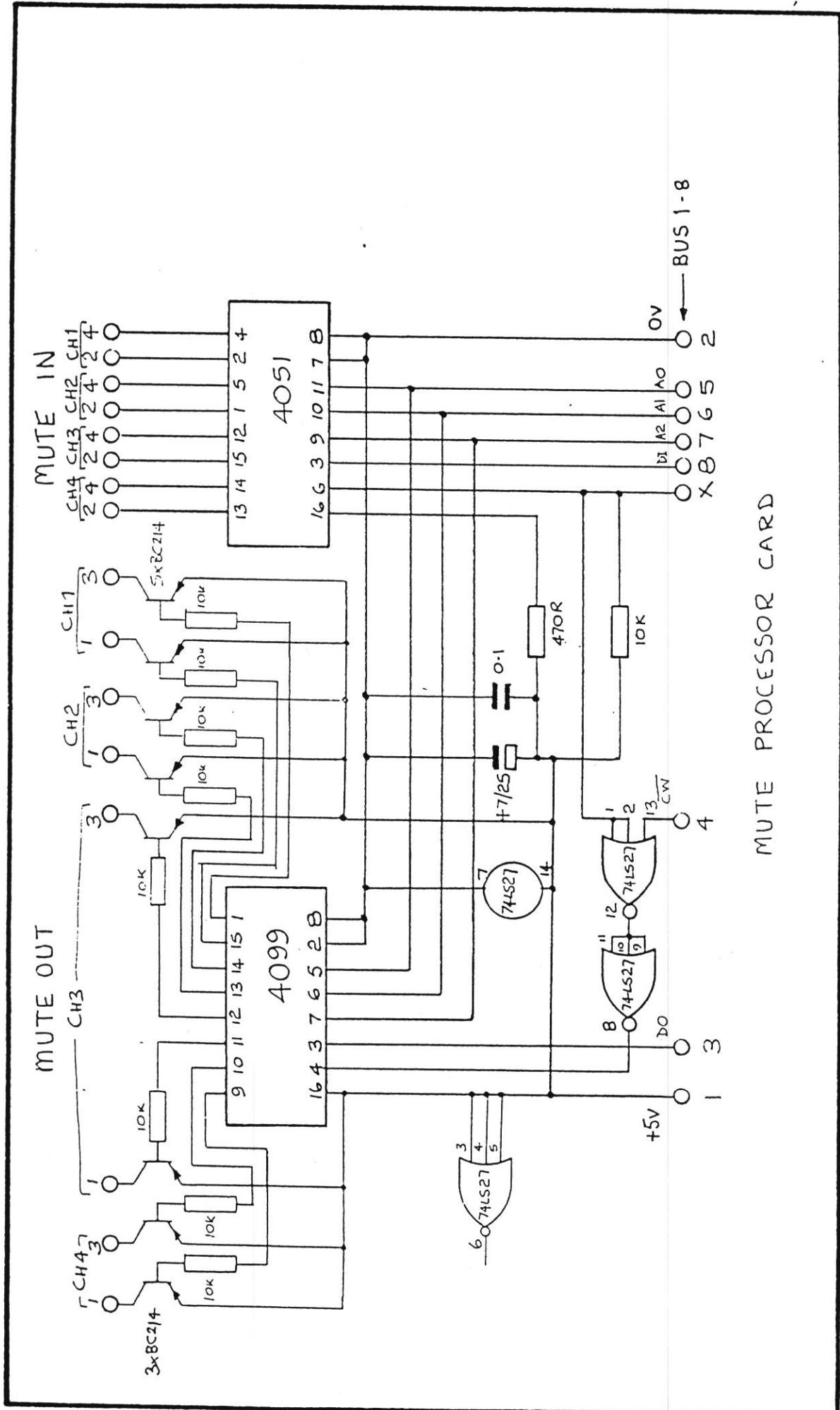
TITLE AHB MUTE PROCESSOR

USED ON AHB SIGMA I/O AND LOW COST MODELS

G.M.R 9/4/87



MUTE PROCESSOR SLAVE PCB : 1 PER 4 I/O MODULES  
 FITTED IN MAINFRAME FADER BAY.



| ALLEN & HEATH BRENNELL LTD.   |                                  | TITLE   |               |
|---|----------------------------------|---|---------------|
| PROFESSIONAL AUDIO EQUIPMENT<br>MANUFACTURERS   |                                  | AHB MUTE PROCESSOR                              |               |
| DESIGN DEPT. 69, SWP STREET, BROXTON, LONDON SW9 2EP<br>FACTORY, KERNAK INDUSTRIAL EST, PENTON CORNWALL, TQ10 7RQ | TELE: 0171 21934<br>01752 720700 | AHB MUTE SLAVE CARD CIRCUIT. PCB AG0187         | G.M.R. Θ/4/87 |
| DRAWING NO. A164  | ISSUE 1                          | USED ON AHE SIGMA I/O AND LOW COST MODULAR PAN- |               |